FINAL NOISE IMPACT ANALYSIS

T-Mobile
Site Number: SD-06894
Site Name: Scott Residence
487 Alta Lane
El Cajon, California 92021

County of San Diego Major Use Permit Number 03-124
County of San Diego P03-124; ER 03-14-062

Prepared For

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Applicant

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Property Owner

Scott Residence
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El Cajon, California 92021
Phone: 619-749-0700

Prepared By

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Job # A60538N2

December 8, 2006

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APPENDICES

1.0 EXECUTIVE SUMMARY

The proposed T-Mobile wireless telecommunications facility, known as Scott Residence, consists of the construction of an unmanned telecommunications facility consisting of six outdoor equipment cabinets mounted on a concrete pad with an 8-foot high concrete masonry unit (CMU) retaining wall on three sides. Also planned are 12 antennas mounted on a proposed 35-foot high monopine. New electric and telco runs to the area of the equipment are also planned. The project site is located at 487 Alta Lane, in El Cajon, County of San Diego, California.

The purpose of this report is to assess noise impacts from the proposed on-site equipment cabinet noise sources, and to determine if mitigation is necessary and feasible to reduce project related property line noise impacts to below 45 dBA, in compliance with the County of San Diego most restrictive nighttime property line noise limit.

Based on the project information available, calculations show that without mitigation, the unmanned operation of this telecommunications facility will be in compliance with the County of San Diego nighttime property line noise limits. Calculations show that the wireless equipment noise impacts from the proposed T-Mobile facility will be as high as 34.3 dBA L_{EQ} at the southern property line, at the worst-case location.

2.0 INTRODUCTION

This acoustical analysis report is submitted to satisfy the County of San Diego requirement for a major use permit. Its purpose is to assess noise impacts from on-site project related noise sources, and to determine if mitigation is necessary and feasible to reduce property line noise impacts to below 45 dBA, in compliance with the County of San Diego most restrictive nighttime property line noise limit.

All noise level or sound level values presented herein are expressed in terms of decibels (dB), with A-weighting, abbreviated "dBA," to approximate the hearing sensitivity of humans. Time-averaged noise levels are expressed by the symbol "L_{EQ}" unless a different time period is specified; "L_{EQ}" is implied to mean a period of one hour. Some of the data may also be presented as octave-band-filtered and/or A-octave-band-filtered data, which are a series of sound spectra centered about each stated frequency, with half of the bandwidth above and half of the bandwidth below each stated frequency. This data is typically used for machinery noise analysis and barrier-effectiveness calculations.

Noise emission data is often supplied per the industry standard format of Sound Power, which is the total acoustic power radiated from a given sound source as related to a reference power level. Sound Power differs from Sound Pressure, which is the fluctuations in air pressure caused by the presence of sound waves, and is generally the format that describes noise levels as heard by the receiver.

Sound Pressure is the actual noise experienced by a human or registered by a sound level instrument. When Sound Pressure is used to describe a noise source it must specify the distance from the noise source to provide complete information. Sound Power, on the other hand, is a specialized analytical method to provide information without the distance requirement, but it may be used to calculate the sound pressure at any desired distance.

2.1 Project Location

The subject property is located at 487 Alta Lane, in El Cajon, County of San Diego, California. The Assessor's Parcel Number (APN) is 509-010-03. The overall property is irregular in shape with an overall site area of approximately 5.0 acres. The zoning designation for the subject parcel is R-3 for residential use. Neighboring land adjacent to the east of the project site is zoned RR-1 for residential use, the remaining land uses in the vicinity of the project site are zoned A-70 with residential use.

The subject property is currently occupied by a single private residence. There is currently a temporary T-Mobile wireless facility consisting of a single RBS outdoor equipment cabinet and an antenna tower both mounted on a trailer, located to the east of the existing driveway. The lease area is currently an undeveloped open space.

For a graphic representation of the site, please refer to the Thomas Guide Map, Assessor's Parcel Map, Satellite Aerial Photograph, Topographic Map, and Land Use Map provided as Figures 1 through 5, respectively.

2.2 Project Description

The proposed project consists of the construction of an unmanned telecommunications facility consisting of six outdoor equipment cabinets mounted on a concrete pad with an 8-foot high concrete masonry unit (CMU) retaining wall on three sides. Also planned are 12 antennas mounted on a proposed 35-foot high monopine. New electric and telco runs to the area of the equipment are also planned.

For additional project details, please refer to the project plans provided in Appendix A.

2.3 Applicable Noise Standards

The noise regulations applicable to this project are contained within the San Diego County Code of Regulatory Ordinances, Section 36.404, entitled Sound Level Limits. Based on these noise regulations, the following property line noise limits apply for this project: 50 dBA from 7 a.m. to 10 p.m. and 45 dBA from 10 p.m. to 7 a.m. Planning for this project will be based on the more restrictive nighttime limit of 45 dBA.

Please refer to pertinent sections of the County of San Diego Scoping Letter and County Code of Regulatory Ordinances provided as Appendices B and C.

3.0 ENVIRONMENTAL SETTING

3.1 Existing Noise Environment

The existing noise environment is primarily a result of vehicle traffic noise from nearby La Cresta Road.

3.1.2 Ambient Noise Monitoring

An on-site inspection was conducted at 8:00 a.m. on Wednesday, July 12, 2006. The weather conditions were as follows: a winds of 2-4 mph from the west, low humidity, and temperatures in the low-60's. A 5-minute ambient noise measurement of 44.5 dBA L_{EQ} was taken at a location within the proposed lease area. The microphone position was approximately five feet above the existing grade.

3.1 Future Noise Environment

The future noise environment in the vicinity of the project site will be primarily a result of the same noise sources, as well as the proposed T-Mobile wireless facility.

3.2.1 Project Related Noise Sources

The proposed T-Mobile wireless equipment facility consists of one type of significant noise source, which are six Ericsson RBS 2106 outdoor equipment cabinets.

Manufacturer's noise emission data for an Ericsson RBS 2106 cabinet were unavailable. To determine the expected equipment exterior noise levels for this analysis, it was necessary to measure the noise level of a single operational unit. A noise level measurement of a single existing RBS 2106 equipment cabinet was made at an operational Cingular (T-Mobile) wireless installation at 2190 Carmel Valley Road in Del Mar (City of San Diego), California, at 3:00 p.m. on April 8, 2004. The measured noise level was 53.2 dBA L_{EQ} at 5 feet. The octave-band noise data for the equipment cabinet noise measurement used in the new T-Mobile planning analysis is provided in Table 1.

Table 1. Measured Noise Level of a Single Operational Ericsson RBS 2106 Cabinet

Octave Band Center Frequency (Hz)	63	125	250	500	1K	2K	4K	8K	L_{EQ}
Noise Level at 5 feet (dB)	64.4	61.2	55.3	47.0	45.9	42.2	44.0	34.6	53.2 dBA

4.0 METHODOLOGY AND EQUIPMENT

4.1 Methodology

4.1.1 Cadna Noise Modeling Software

Modeling of the outdoor noise environment is accomplished using Cadna Ver. 3.5, which is a model-based computer program, developed by DataKustik for predicting noise impacts in a wide variety of conditions. Cadna (Computer Aided Noise Abatement) assists in the calculation, presentation, assessment, and mitigation of noise exposure. It allows for the input of project information such as noise source data, barriers, structures, and topography to create a detailed CAD model and uses the most up-to-date calculation standards to predict outdoor noise impacts.

4.1.2 Summary of Site Specific Features Included in Cadna Model

Features at the project site that were included in the Cadna noise prediction model are listed in Table 2. These are considered to be the only on-site features that will affect the noise propagation of the proposed noise sources to the adjacent property lines.

Table 2. Summary of Site Features Included in Cadna Model

Description	Height
Topographic Contours	1,650-1,690 feet in elevation (AMSL)
Existing House	20 feet above grade
Proposed T-Mobile CMU Retaining Wall	8 feet above concrete pad

The RBS equipment cabinet noise sources were modeled as non-directional point sources.

4.1.3 Calculated Noise Levels for Model Comparison

In order to validate the results of the Cadna noise prediction model, the noise impacts from the proposed T-Mobile equipment cabinets were manually calculated as simple attenuation by distance. This was done for each of the property line receiver locations. These values were compared to those predicted by Cadna with all site features included in the model. The Cadna model includes additional attenuation due to intervening barriers and structures, topography, and ground absorption, which the differences in modeled and calculated noise levels are attributed to. This data is summarized in Table 3.

Table 3. Calculated Noise Levels of a Single Proposed Equipment Cabinet Including Site Features						
Noise Source	Receiver	Location	Average Distance from Source (ft.)	Calculated Noise Level[1] (dBA)	Cadna Model Noise Level[2] (dBA)	Difference (dB)
Six[4] Ericsson RBS 2106 Equipment Cabinets	R1	Northern Property Line	101.5	34.8	32.3	2.5
	R2	Southern Property Line	51.2	40.8	34.3	6.5[3]
	R3	Eastern Property Line	306.2	25.2	16.0	9.2[3]
	R4	Western Property Line	372.0	23.6	13.9	9.7[3]

[1] Calculated as attenuation by distance only, $L_2 = L_1 - 20\log\left(\frac{r_2}{r_1}\right)$
[2] As predicted by Cadna model including all site features
[3] Differences attributed to Insertion Loss from proposed 8-foot high CMU wall on three sides.
[4] The original calculations accounted for six RBS cabinets there for there is no increase.

4.2 Measurement Equipment

Some or all of the following equipment was used at the site to measure existing noise levels:

- Larson Davis Model 824, Type 1 Sound Level Meter, Serial #A0344
- Larson Davis Model CA250, Type 1 Calibrator, Serial #2625

The sound level meter was field-calibrated immediately prior to the noise measurement and checked afterwards, to ensure accuracy. All sound level measurements conducted and presented in this report, in accordance with the regulations, were made with sound level meters that conform to the American National Standards Institute specifications for sound level meters (ANSI SI.4-1983, R2001). All instruments are maintained with National Bureau of Standards traceable calibration, per the manufacturers' standards.

5.0 IMPACTS

Based on the project information available, it is our conclusion that, without mitigation, the unmanned operation of this facility will be in compliance with the County of San Diego nighttime property line noise limits. This is primarily due to the noise attenuation provided by distance, topography, and the planned 8-foot high CMU retaining wall. Calculations show that the wireless equipment noise impacts from the proposed T-Mobile facility will be as high as 34.3 dBA L_{EQ} at the southern property line, at the worst case location. The planned 8-foot high CMU retaining wall is the only "noise control element" required to ensure compliance with the County of San Diego nighttime property line noise limits.

The calculated noise levels at each property line at the worst-case locations are summarized in Table 4. For details of the acoustical calculations, please refer to Appendix C: Cadna Analysis Data and Results. Please also refer to Figure 6: Site Plan Showing Noise Source Locations and Noise Impacts to Project Vicinity and Property Line Receiver Locations.

Table 4. Calculated T-Mobile Wireless Facility Noise Impact Levels	
Receiver Location	Equipment Noise Level (dBA L_{EQ})
R1, Northern Property Line	32.3
R2, Southern Property Line	34.3
R3, Eastern Property Line	16.0
R4, Western Property Line	13.9

6.0 MITIGATION

As planned, calculations show that mitigation is not required for the proposed T-Mobile wireless telecommunications facility for compliance with the County of San Diego most restrictive property line noise limits of 45 dBA L_{EQ}.

7.0 CONCLUSION

The proposed T-Mobile wireless telecommunications facility will be in compliance with all applicable County of San Diego property line noise limits.

This analysis is based upon a current worst case scenario of anticipated, typical equipment for this type of wireless facility. Substitution of equipment with higher noise emission levels may invalidate the recommendations of this study.

These conclusions and recommendations are based on the most up-to-date, project-related information available. However, noise characteristics of mechanical equipment may vary for specific installations. Verification of compliance with County of San Diego noise regulations can be provided, if desired, by conducting a noise survey consisting of sound level measurements at or close to the nearest impacted locations in each direction, after the project is built and in operation.

This is best accomplished in the late night or very early morning hours while the equipment is in full operation and other ambient noise sources are minimized. If any sound attenuation is found to be necessary, it can be specified at that time. We do not expect that any additional sound attenuation will be necessary within the scope of this project, specifically for the proposed T-Mobile wireless facility.

8.0 CERTIFICATION

This report is based on the related project information received and measured noise levels, and represents a true and factual analysis of the acoustical impact issues associated with the proposed T-Mobile wireless telecommunications facility, located 487 Alta Lane, in El Cajon, County of San Diego, California. This report was prepared by Ian Brewe, Michael Burrill, Charles Terry, and Douglas Eilar.

EILAR ASSOCIATES

Ian Brewe, Acoustical Consultant

Douglas K. Eilar, Principal

9.0 REFERENCES

1. Beranek, Leo L., *Acoustical Measurements*, Published for the Acoustical Society of America by the American Institute of Physics, Revised Edition, 1988.

2. San Diego County Code of Regulatory Ordinances

3. Harris, Cyril M., *Handbook of Acoustical Measurements and Noise Control*, Acoustical Society of America, 3rd Edition, 1998.

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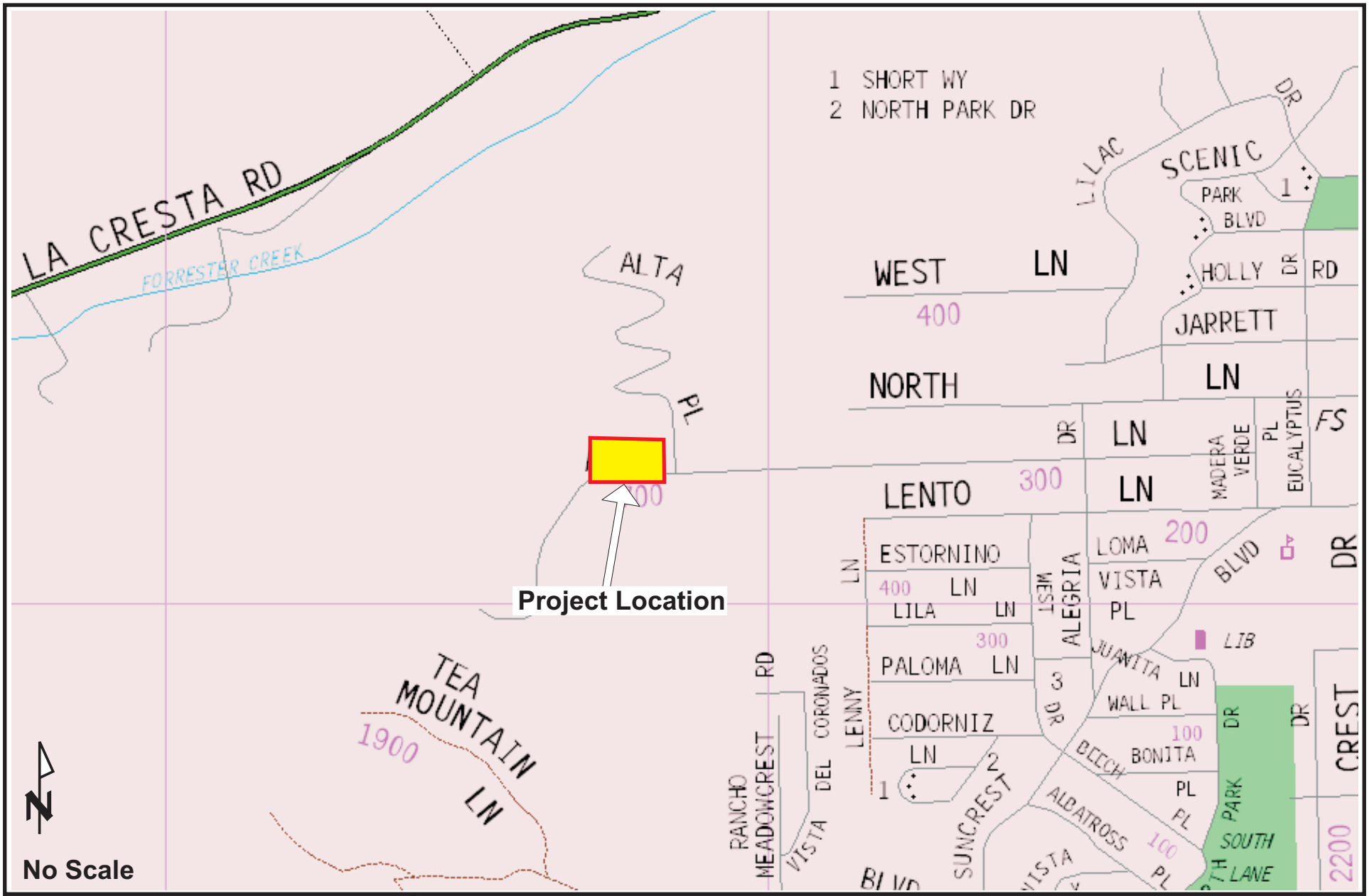
6 Ivine, Leland K. and Richards, Roy L., *Acoustics and Noise Control Handbook for Architects and Builders*, Original Edition, 1998.

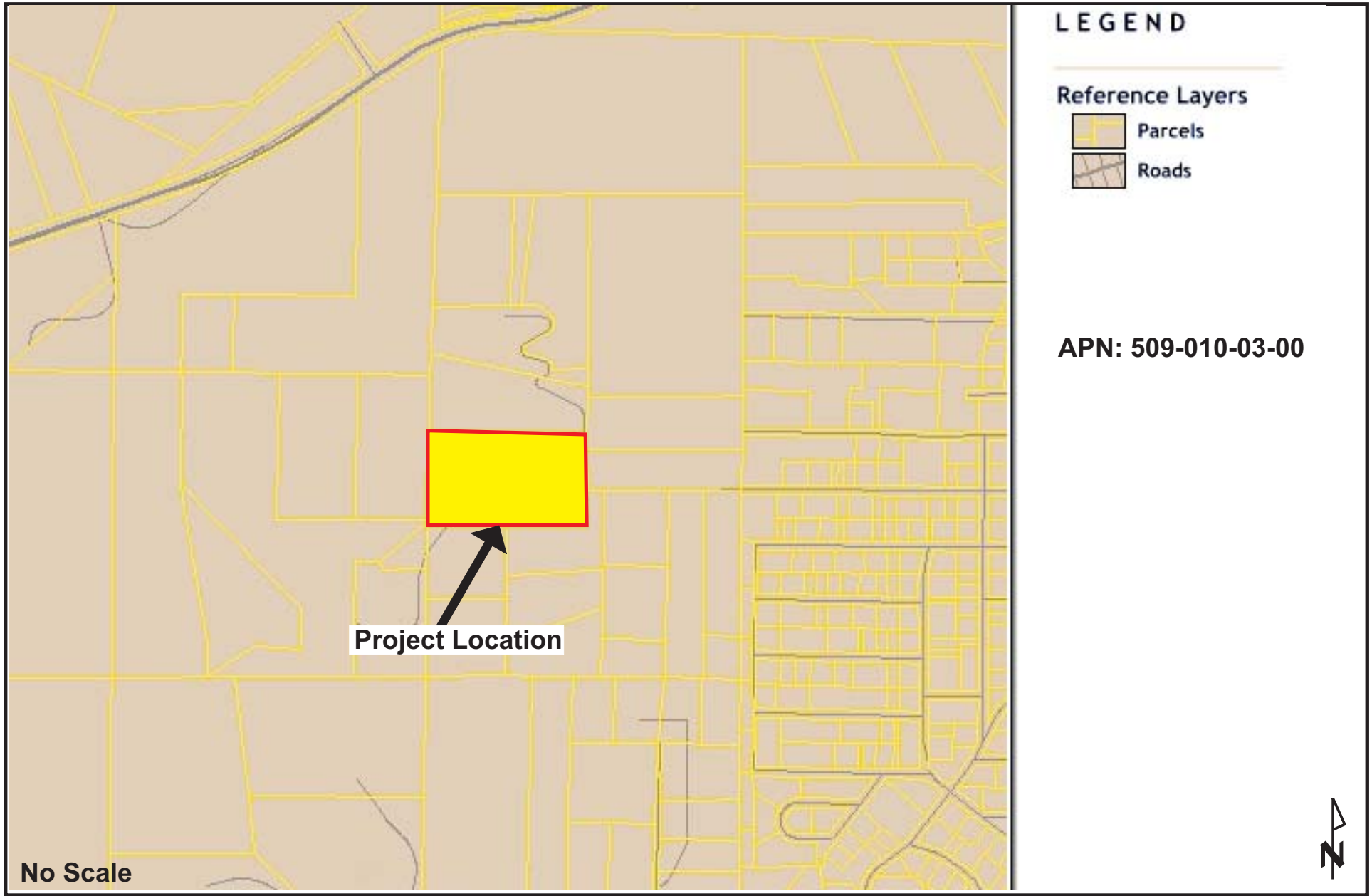
7 Knudsen, Vern O. and Harris, Cyril M., *Acoustical Designing In Architecture*, American Institute of Physics for the Acoustical Society of America, 2nd Edition, 1978.

8. Raichel, Daniel R., *The Science and Applications of Acoustics*, American Institute of Physics Press for the Acoustical Society of America, 1st Edition, 2000.

FIGURES

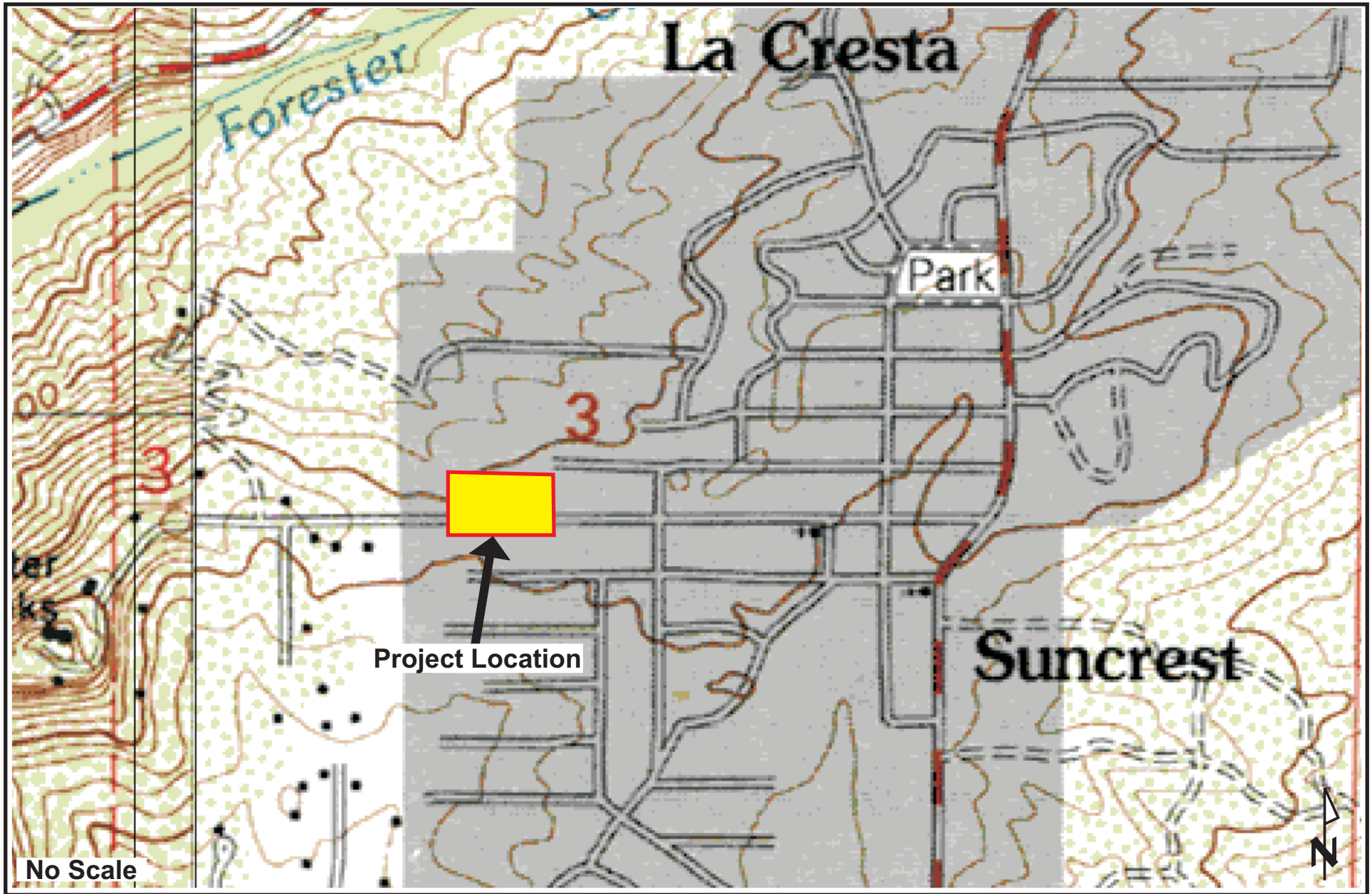


Eilar Associates **539 Encinitas Boulevard, Suite 206** **Encinitas, California 92024** **760-753-1865**	**Vicinity Map** **Job # A60538N1**	**Figure 1**

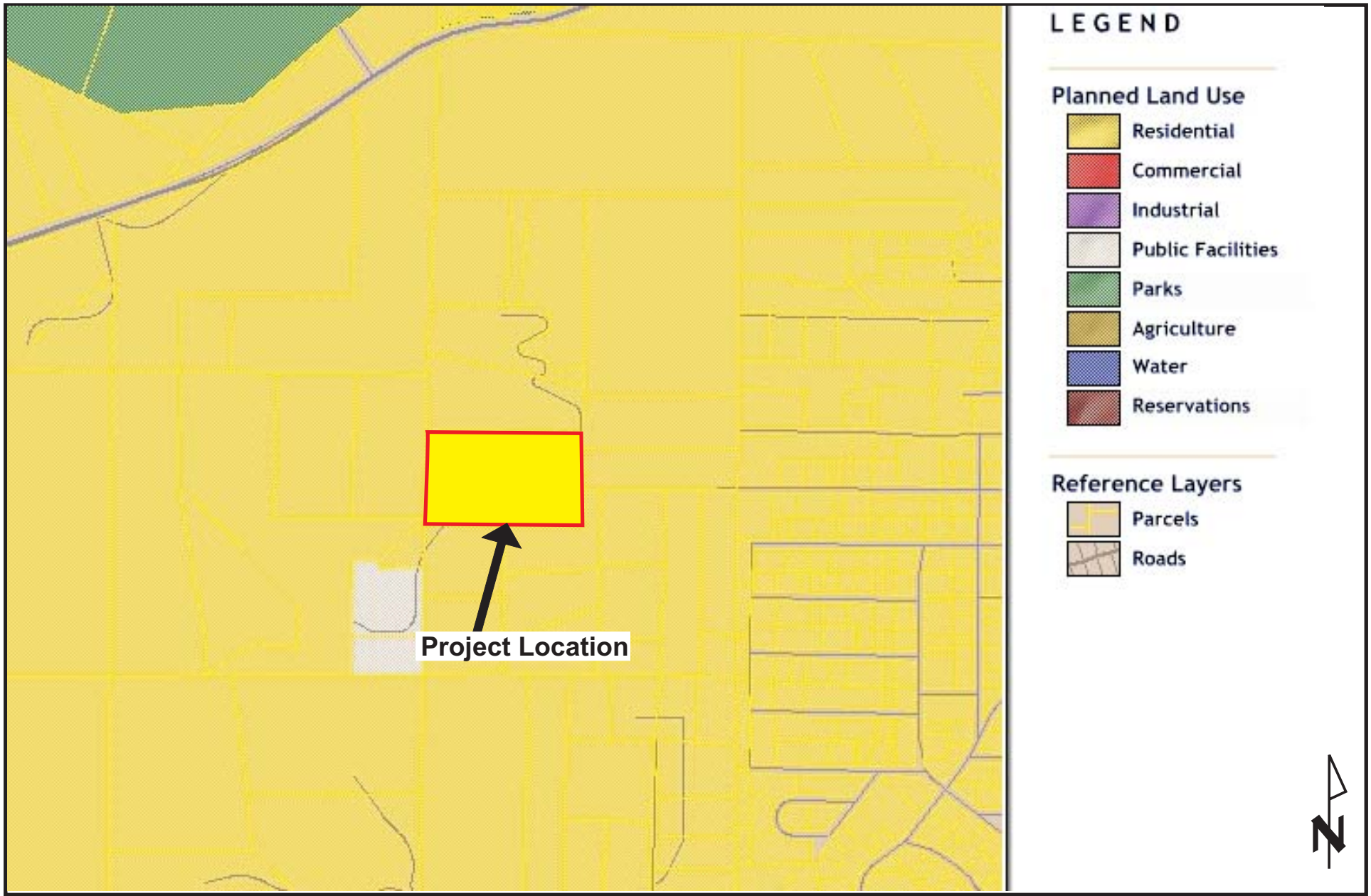


Eilar Associates 539 Encinitas Boulevard, Suite 206 Encinitas, California 92024 760-753-1865	Assessor's Parcel Map Job # A60538N1	Figure 2

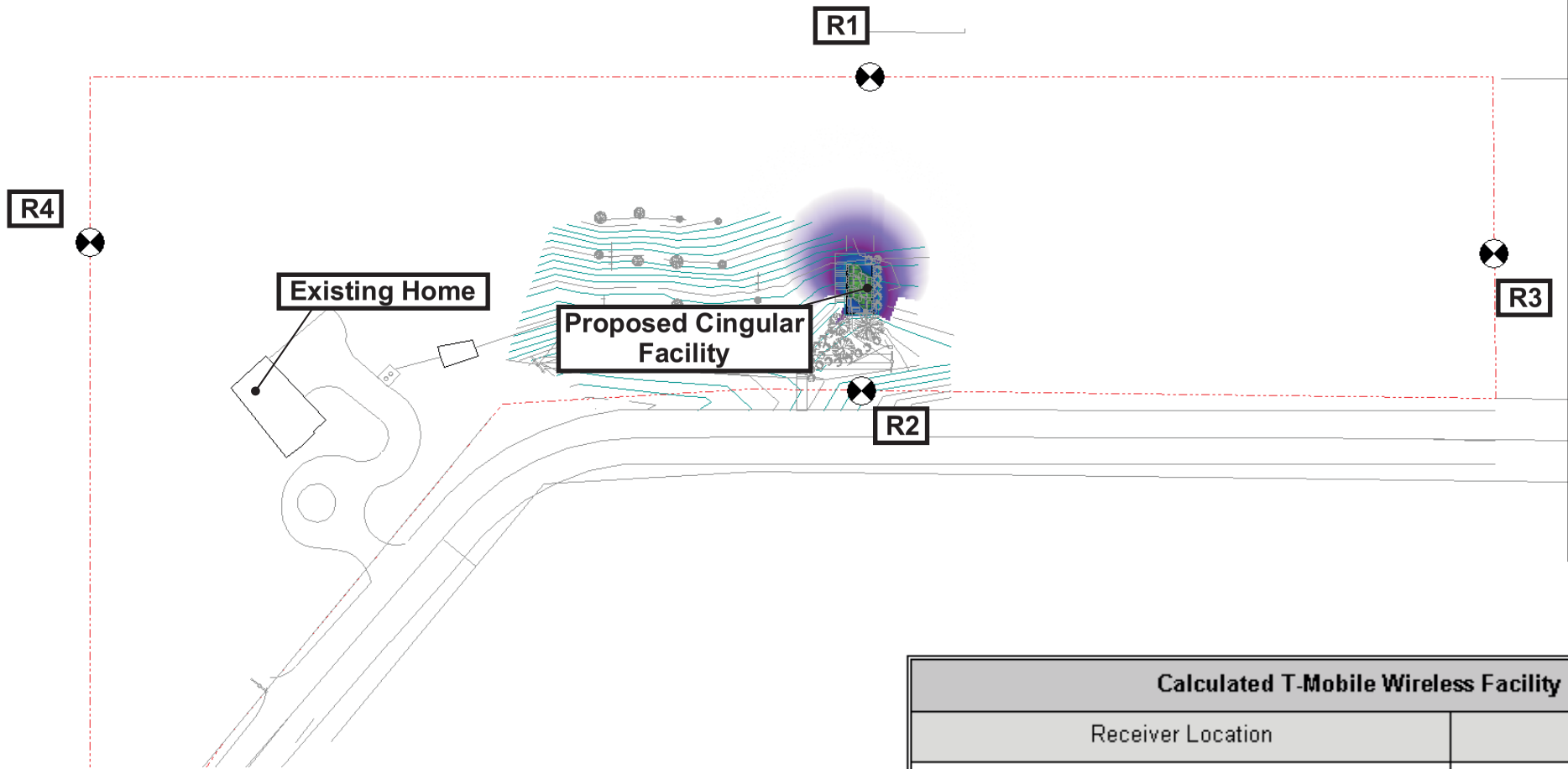
Eilar Associates **539 Encinitas Boulevard, Suite 206** **Encinitas, California 92024** **760-753-1865**	**Satellite Aerial Photograph** **Job # A60538N1**	**Figure 3**

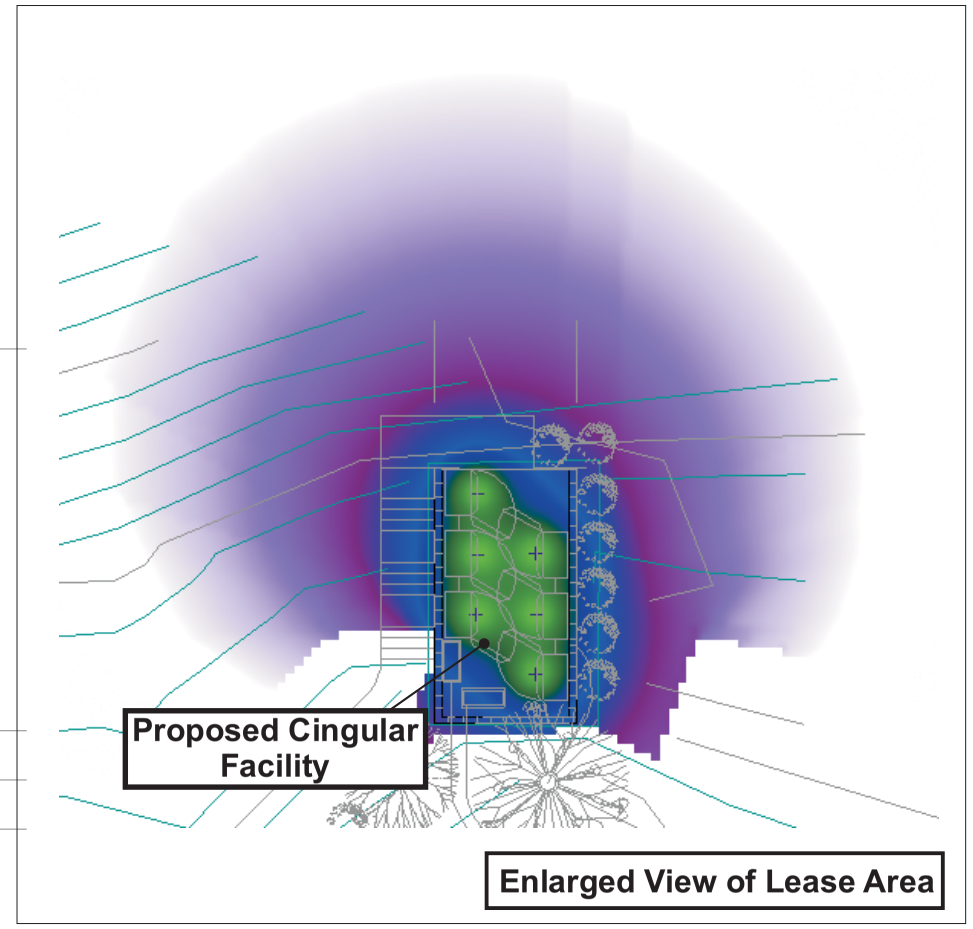


Eilar Associates 539 Encinitas Boulevard, Suite 206 Encinitas, California 92024 760-753-1865	Topographic Map Job # A60538N1	Figure 4



Eilar Associates **539 Encinitas Boulevard, Suite 206** **Encinitas, California 92024** **760-753-1865**	**Planned Land Use Map** **Job # A60538N1**	**Figure 5**





Calculated T-Mobile Wireless Facility Noise Impact Levels	
Receiver Location	Equipment Noise Level (dBA L_{EQ})
R1, Northern Property Line	32.3
R2, Southern Property Line	34.3
R3, Eastern Property Line	16.0
R4, Western Property Line	13.9

- > 45.0 dBA
- > 50.0 dBA
- > 55.0 dBA
- > 60.0 dBA
- > 65.0 dBA
- > 70.0 dBA
- > 75.0 dBA
- > 80.0 dBA
- > 85.0 dBA

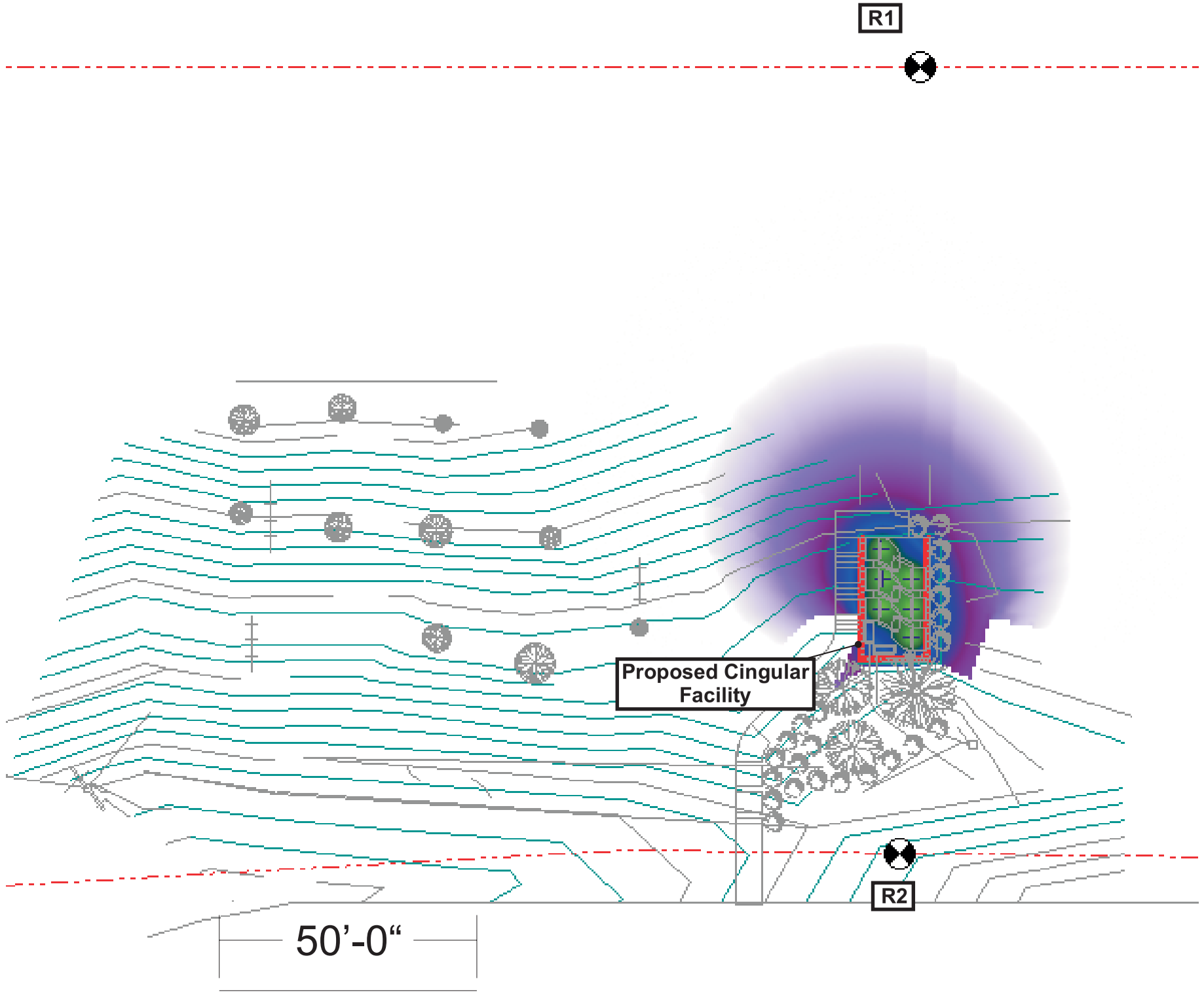
N

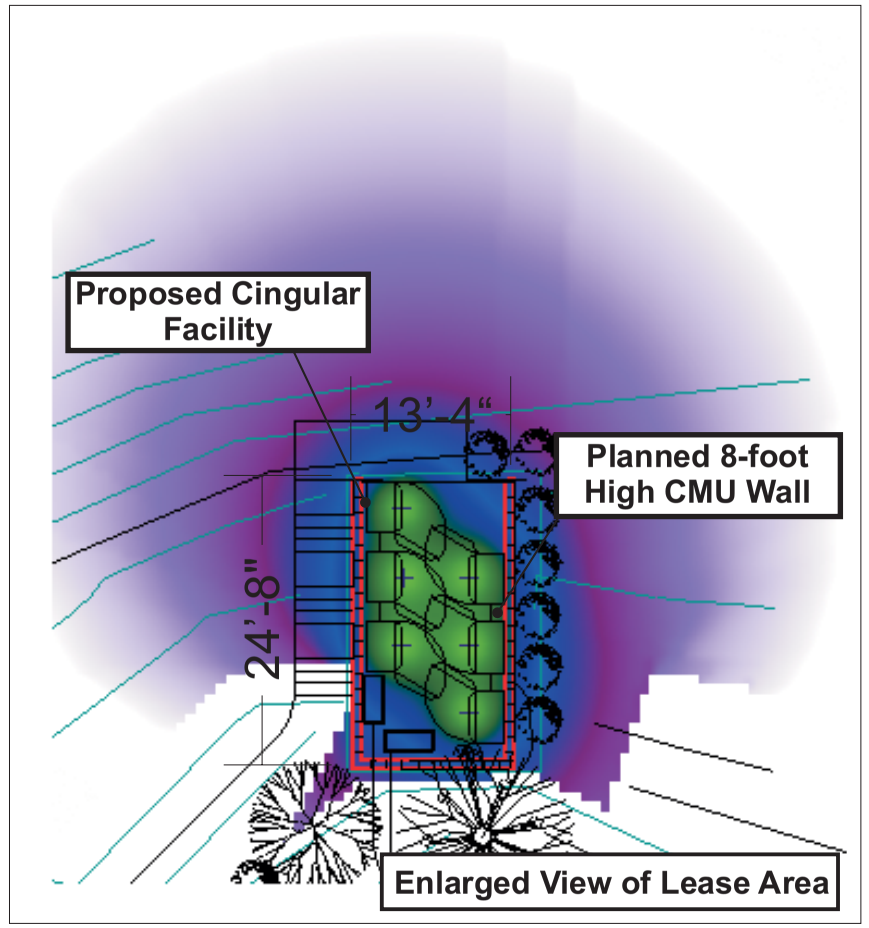
No Scale

Eilar Associates
539 Encinitas Boulevard, Suite 206
Encinitas, California 92024
760-753-1865

Site Plan Showing Noise Impacts to Project Vicinity and Property Line Receiver Locations
Job # A60538N1

Figure 6





> 45.0 dBA
> 50.0 dBA
> 55.0 dBA
> 60.0 dBA
> 65.0 dBA
> 70.0 dBA
> 75.0 dBA
> 80.0 dBA
> 85.0 dBA

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Encinitas, California 92024
760-753-1865

Scaled Enlarged View of Lease Area
Job # A60538N2

Figure 7

APPENDIX A

Site Plans for T-Mobile Wireless Telecommunications Facility

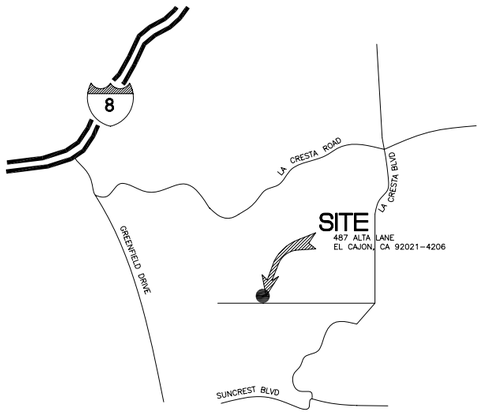
T■ ■ ■Mobile ■

SD-06894
SCOTT RESIDENCE

487 ALTA LANE
EL CAJON, CA 92021

DRIVING DIRECTIONS FROM T–MOBILE WIRELESS OFFICE:

- HEAD SOUTN FROM TELESIS CT
- TURN LEFT AT LUSK BLVD
- TURN RIGHT AT MIRA MESA BLVD
- TAKE I–805 SOUTH
- TAKE I–8 EAST
- GREENFIELD DR. EXIT
- RIGHT ON GREENFIELD DR.
- LEFT ON LA CRESTA ROAD
- RIGHT ON LA CRESTA BLVD
- RIGHT ON SUNCREST BLVD
- RIGHT ON MADERA VERDE PL.
- LEFT ON ALTA LANE



THOMAS BROTHER'S MAP #1252–G3

N

VICINITY MAP 1

(PENDING RECEIPT OF TITLE REPORT)

THE SOUTH HALF (½) OF THE NORTHWEST QUARTER (¼) OF THE NORTHWEST QUARTER (¼) OF THE SOUTHWEST QUARTER (¼) OF SECTION 3, TOWNSHIP 16 SOUTH, RANGE 1 EAST, SAN BERNARDINO MERIDIAN, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, AS SHOWN ON PARCEL MAP NO. 8529, RECORDS OF SAN DIEGO COUNTY.

PROJECT APPLICANT:
OMNIPOINT DBA T–MOBILE
10180 TELESIS COURT
SUITE 333
SAN DIEGO, CA 92121

CONSTRUCTION MANAGER
COURTNEY DAIN
OMNIPOINT DBA T–MOBILE
10180 TELESIS COURT
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SITE ACQUISITION:
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R.F. ENGINEERING REPRESENTATIVE:
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PROPERTY OWNER:
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SITE CONTACT: ROBERT SCOTT
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ARCHITECT:
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3939 FIRST AVE. SUITE 100
SAN DIEGO, CA 92103
619.299.4210 PHONE
619.299.4250 FAX
ddamail@aol.com

CONTACTS 2

#	TYPE OF INSPECTION	DESIGN STRENGTH

PROJECT DESCRIPTION:

THE PROJECT CONSISTS OF THE INSTALLATION AND OPERATION OF (12) TWELVE PANEL ANTENNAS AND ASSOCIATED EQUIPMENT CABINETS FOR T–MOBILE WIRELESS TELECOMMUNICATIONS NETWORK.

A TOTAL OF (12) TWELVE ANTENNAS ARE TO BE MOUNTED TO A NEW 35'–0" HIGH MONOPINE AT THE PROPOSED LOCATION. THE EQUIPMENT CABINETS, AT GROUND LEVEL, ARE TO BE LOCATED ON A PROPOSED CONCRETE PAD SCREENED BY A CMU RETAINING WALL.

THE FACILITY WILL ENHANCE THE GENERAL HEALTH, SAFETY, AND WELFARE OF THE COUNTY AND SURROUNDING CITIES BY PROVIDING MORE RELIABLE CELLULAR COMMUNICATION AT THIS LOCATION.

SITE ADDRESS:
487 ALTA LANE
EL CAJON, CA 92021–4206

ASSESORS PARCEL NUMBER:
509–010–03–00

LATTITUDE:
32°48'24.23" N NAD1983

LONGITUDE:
116°52'29.99" W NAD1983

TOTAL SITE AREA:
5 ACRES

EXISTING FLOOR AREA:
1093 SQ. FT. (SINGLE FAMILY HOME)

PROPOSED PROJECT AREA:
400 APROX. SQF.

EXISTING TYPE OF CONSTRUCTION:
TYPE V NON–RATED

EXISTING ZONING:
RR–1

JURISDICTION:
COUNTY OF SAN DIEGO

CURRENT USE
RESIDENCE

EXISTING OCCUPANCY
R–3

PROPOSED OCCUPANCY:
S–2 AT EQ. SHELTER

WATER/SEWAGE:
NOT APPLICABLE

UTILITIES:

ELECTRICAL: SDGE

TELEPHONE: SBC

FIRE DEPT.: CITY OF EL CAJON

ALL WORK SHALL COMPLY WITH THE FOLLOW APPLICABLE CODES:

CALIFORNIA BUILDING CODE, 2001 EDITION

CALIFORNIA PLUMBING CODE, 2001 EDITION

CALIFORNIA MECHANICAL CODE, 2001 EDITION

CALIFORNIA ELECTRICAL CODE, 2001 EDITION

CALIFORNIA FIRE CODE, 2001 EDITION

IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL

PROJECT INFORMATION 3

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. WIRELESS TELECOMMUNICATIONS MECHANICAL EQUIPMENT ROOMS ARE EXEMPT FROM REQUIREMENTS TO PROVIDE BUILDING UPGRADES FOR DISABLED ACCESS PER THE FOLLOWING:

CBC SECTION 11OS8–BUILDING ACCESSIBILITY
CAL ACS ACCESSIBILITY STANDARDS INTERPRETIVE MANUAL

SHEET INDEX 4

CONSTRUCTION MANAGER	
SITE ACQUISITION MANAGER	
R.F. ENGINEERING REPRESENTATIVE	
PLANNING REPRESENTATIVE	

LEGAL DESCRIPTION 5

SPECIAL INSPECTIONS 6

ADA COMPLIANCE 7

APPROVALS 8

ARCHITECT

DI DONATO ASSOCIATES
ARCHITECTURE + GRAPHICS
3939 FIRST AVENUE - SUITE 100 - SAN DIEGO, CA 92103
619.299.4210 - 619.299.4250 FAX - DDAMAIL@AOL.COM

PROJECT NAME

T■ ■ ■Mobile ■
SD-06894
SCOTT RESIDENCE
487 ALTA LANE, EL CAJON, CA 92021

ISSUES REVISIONS

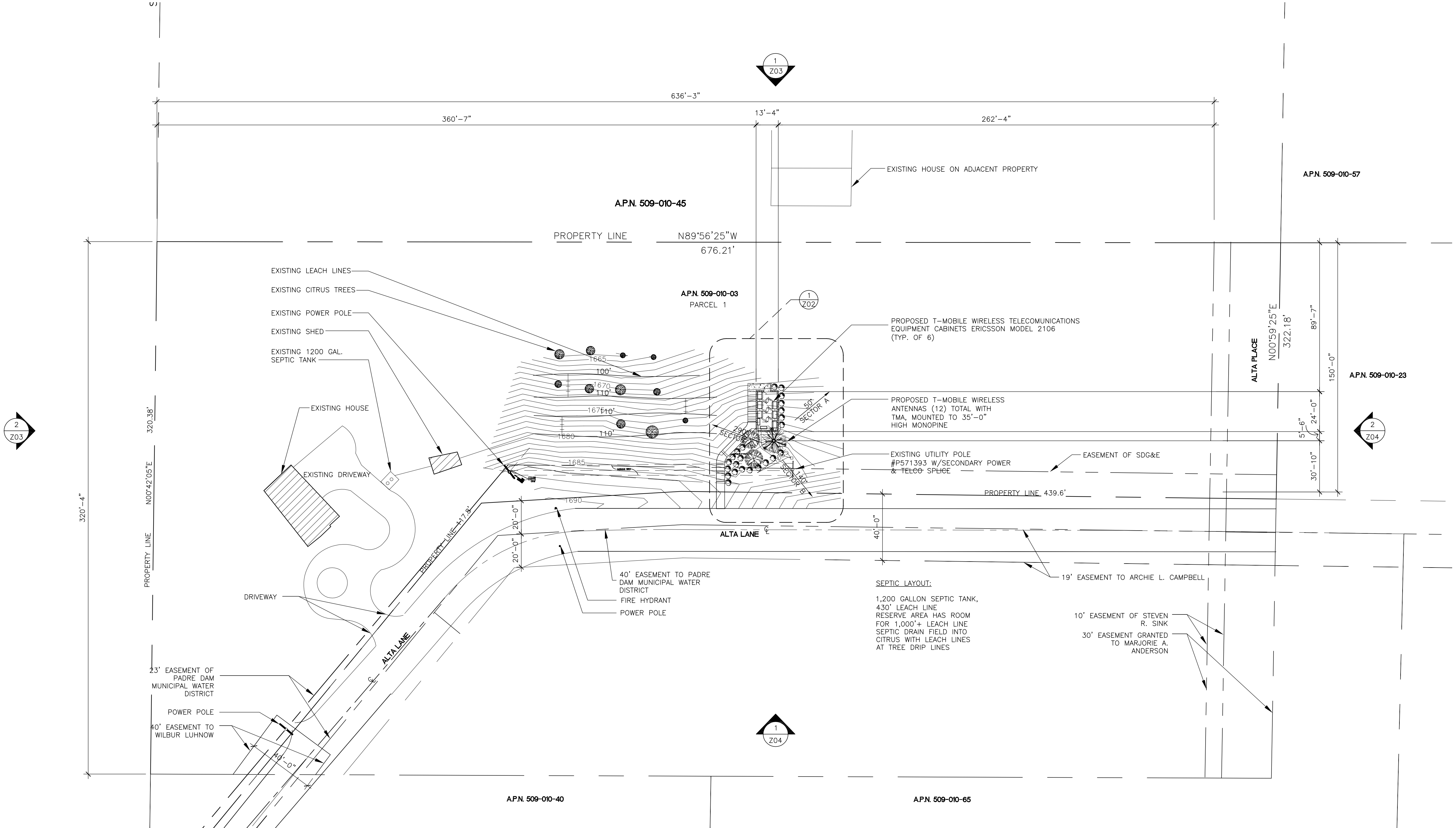
DATE	BY	ISSUE DESCRIPTION
04–25–06	KD	ISSUE FOR REVIEW
05–05–06	KD	ISSUE FOR REVIEW
11–29–06	JZ	REVISED PER PLANNING COMMENTS

SHEET INFORMATION

DI DONATO ASSOCIATES
ARCHITECTURE + GRAPHICS

T01
TITLE SHEET

SD–06894
0526.13
PLOT SCALE 1:1 (24x36 'D' SIZE)



BMP NOTES:

THE BMPs SELECTED ARE THOSE THAT WILL BE IMPLEMENTED DURING CONSTRUCTION OF THE PROJECT. THE APPLICANT IS RESPONSIBLE FOR THE PLACEMENT AND MAINTENANCE OF THE BMPs SELECTED. ATTACH DESCRIPTIONS OF THE BMPs AND THEIR APPLICATION (AVAILABLE AT THE DPW COUNTER) AS ATTACHMENT A.

- [x] SILT FENCE
- [ ] FIBER ROLLS
- [ ] STREET SWEEPING AND VACUUMING
- [ ] STORM DRAIN INLET PROTECTION
- [ ] STOCKPILE MANAGEMENT
- [ ] SOLID WASTE MANAGEMENT
- [x] STABILIZED CONSTRUCTION ENTRANCE/EXIT
- [ ] DEWATERING OPTIONS
- [ ] VEHICLE AND EQUIPMENT MAINTENANCE
- [ ] DESILTING BASIN
- [ ] GRAVEL BAG BERM
- [x] SANDBAG BARRIER
- [ ] MATERIAL DELIVERY AND STORAGE
- [ ] SPILL PREVENTION AND CONTROL
- [x] CONCRETE WASTE MANAGEMENT
- [ ] WATER CONSERVATION PRACTICES
- [ ] PAVING AND GRINDING OPERATIONS
- [ ] ANY MINOR SLOPES CREATED INCIDENTAL TO CONSTRUCTION AND NOT SUBJECT TO A MAJOR OR MINOR GRADING PERMIT SHALL BE PROTECTED BY COVERING WITH PLASTIC OR TARP PRIOR TO A RAIN EVENT, AND SHALL HAVE VEGETATIVE COVER REESTABLISHED WITHIN 180 DAYS OF COMPLETION OF THE SLOPE AND PRIOR TO FINAL BUILDING APPROVAL.
- [ ] NO BMPs NEEDED. ACTIVITIES ARE NOT CONSIDERED TO GENERATE POLLUTANTS.

SITE PLAN
1"=30'-0"

1

ARCHITECT

DI DONATO ASSOCIATES
ARCHITECTURE + GRAPHICS
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619.299.4210 · 619.299.4250 FAX · DDAMAIL@AOL.COM

PROJECT NAME

T · · Mobile ·

SD-06894
SCOTT RESIDENCE
487 ALTA LANE, EL CAJON, CA 92021

ISSUES REVISIONS

DATE	BY	ISSUE DESCRIPTION
04-25-06	KD	ISSUE FOR REVIEW
05-05-06	KD	ISSUE FOR REVIEW
11-29-06	JZ	REVISED PER PLANNING COMMENTS

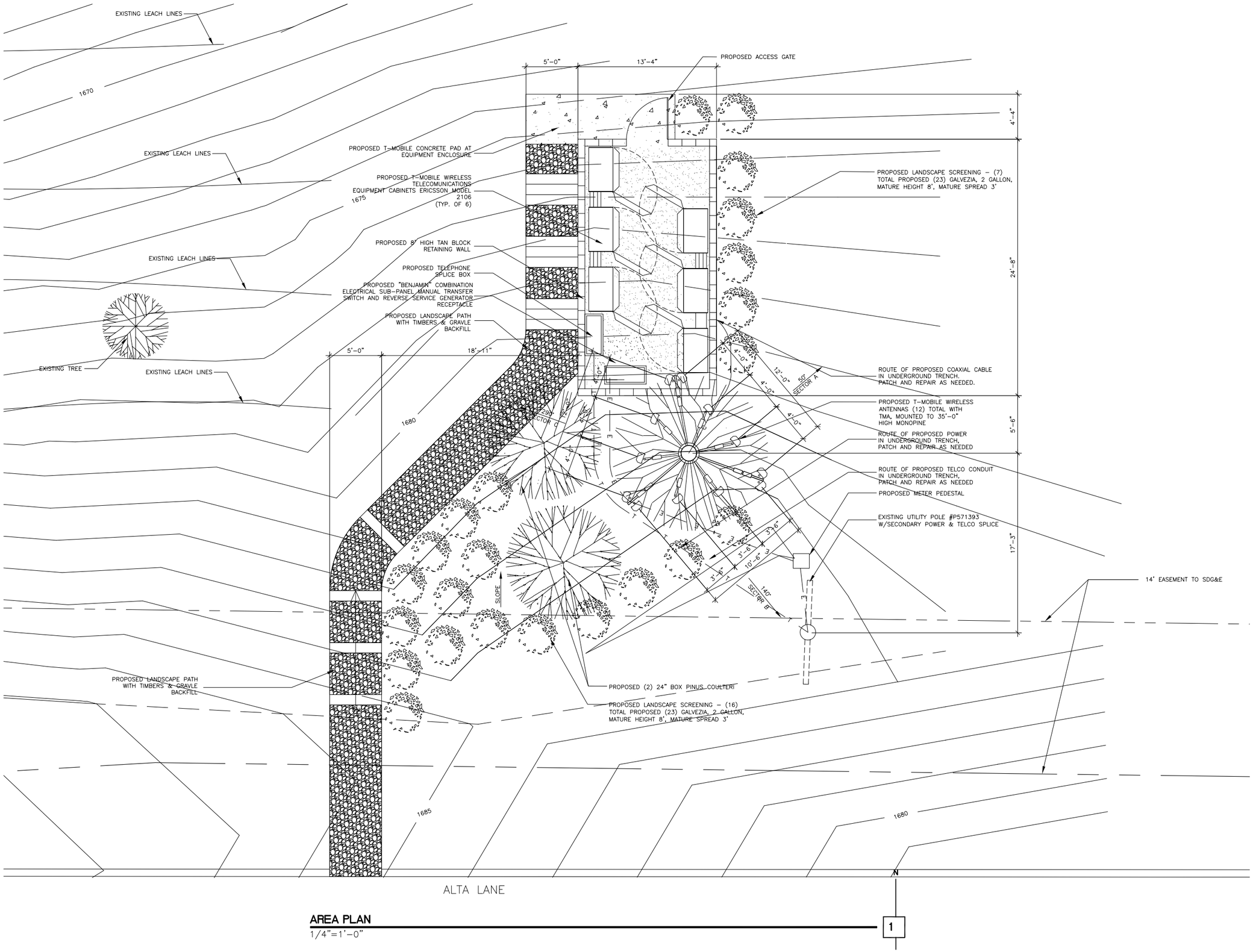
SHEET INFORMATION

DI DONATO ASSOCIATES
ARCHITECTURE + GRAPHICS

Z01
SITE PLAN

SD-06894

0526.13
PLOT SCALE 1 : 1 (24x36 'D' SIZE)



AREA PLAN
1/4"=1'-0"

1

ARCHITECT

DI DONATO ASSOCIATES
ARCHITECTURE + GRAPHICS
3639 FIRST AVENUE - SUITE 100 - SAN DIEGO, CA 92103
619.299.4210 619.299.4250 FAX - DDAMAIL@AOL.COM

PROJECT NAME

T■■■Mobile ■

SD-06894
SCOTT RESIDENCE
487 ALTA LANE, EL CAJON, CA 92021

ISSUES REVISIONS

DATE	BY	ISSUE DESCRIPTION
04-25-06	KD	ISSUE FOR REVIEW
05-25-06	KD	ISSUE FOR REVIEW
11-29-06	JZ	REVISED PER PLANNING COMMENTS

SHEET INFORMATION

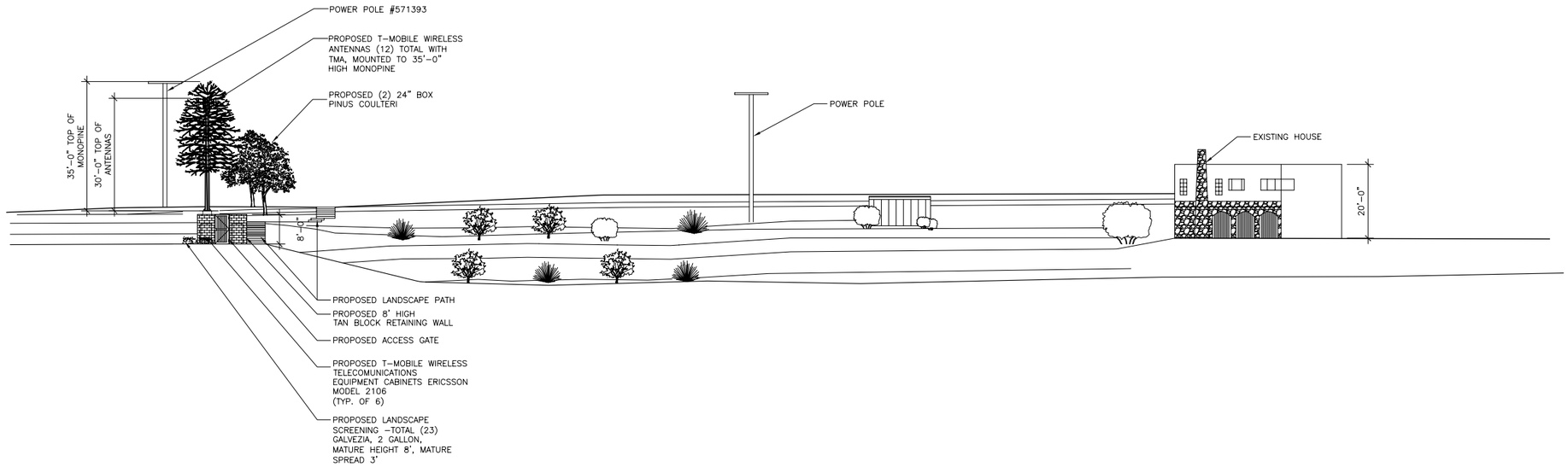
DI DONATO ASSOCIATES
ARCHITECTURE + GRAPHICS

Z02

AREA PLAN

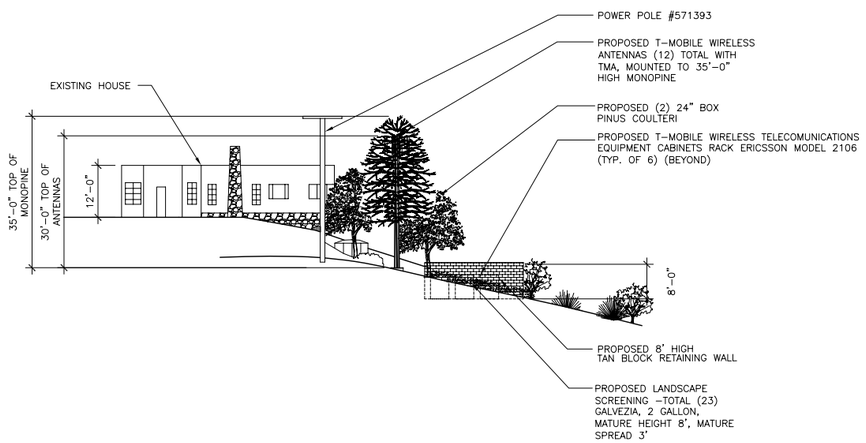
SD-06894

0526.13
PLOT SCALE 1:1 (24x36 'D' SIZE)



NORTH ELEVATION 1

1/16" =1'–0"



EAST ELEVATION 2

1/16" =1'–0"

ARCHITECT

DI DONATO ASSOCIATES
ARCHITECTURE + GRAPHICS
3939 FIRST AVENUE - SUITE 100 - SAN DIEGO , CA 92103
619.299.4210 - 619.299.4250 FAX - DDAMAIL@AOL.COM

PROJECT NAME

■T■■■Mobile■

SD-06894
SCOTT RESIDENCE
487 ALTA LANE, EL CAJON, CA 92021

ISSUES REVISIONS

DATE	BY	ISSUE DESCRIPTION
04–25–06	KD	ISSUE FOR REVIEW
05–05–06	KD	ISSUE FOR REVIEW
11–29–06	JZ	REVISED PER PLANNING COMMENTS

SHEET INFORMATION

DI DONATO ASSOCIATES
ARCHITECTURE + GRAPHICS

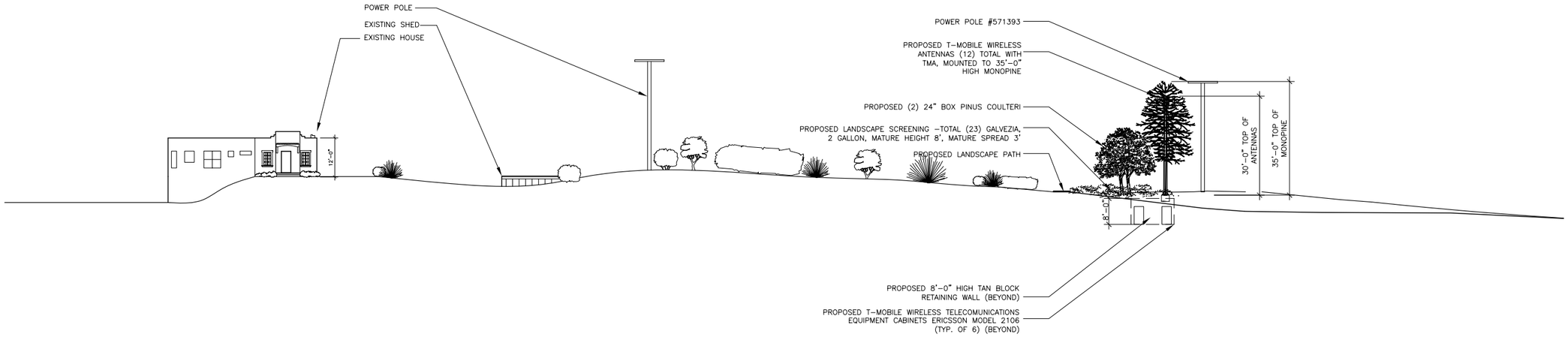
Z04

ELEVATIONS

SD-06894

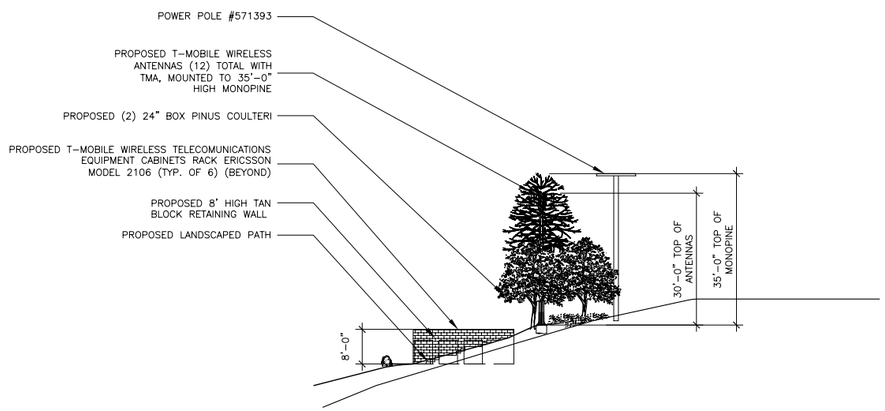
0526,13

PLOT SCALE 1 : 1 (24x36 'D' SIZE)



SOUTH ELEVATION 1

1/16" =1'-0"



WEST ELEVATION 2

1/16" =1'-0"

ARCHITECT

DI DONATO ASSOCIATES
ARCHITECTURE + GRAPHICS
3939 FIRST AVENUE - SUITE 100 - SAN DIEGO - CA 92103
619.299.4210 - 619.299.4250 FAX - DDAMAIL@AOL.COM

PROJECT NAME

T■■■■Mobile■

SD-06894
SCOTT RESIDENCE
487 ALTA LANE, EL CAJON, CA 92021

ISSUES REVISIONS

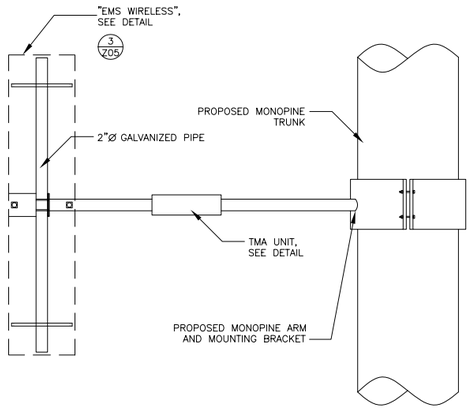
DATE	BY	ISSUE DESCRIPTION
04-25-06	KD	ISSUE FOR REVIEW
05-05-06	KD	ISSUE FOR REVIEW
11-29-06	JZ	REVISED PER PLANNING COMMENTS

SHEET INFORMATION

DI DONATO ASSOCIATES
ARCHITECTURE + GRAPHICS

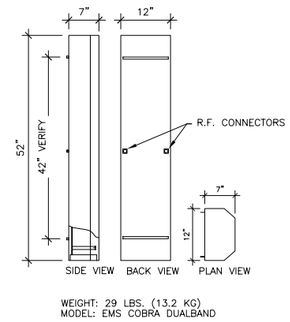
Z03
ELEVATIONS

SD-06894
0526,13
PLOT SCALE 1 : 1 (24x36 'D' SIZE)



TYPICAL ANTENNA MOUNT
1"=1'-0"

1



WEIGHT: 29 LBS. (13.2 KG)
MODEL: EMS COBRA DUALBAND

'EMS WIRELESS ANTENNA

2

NOT USED

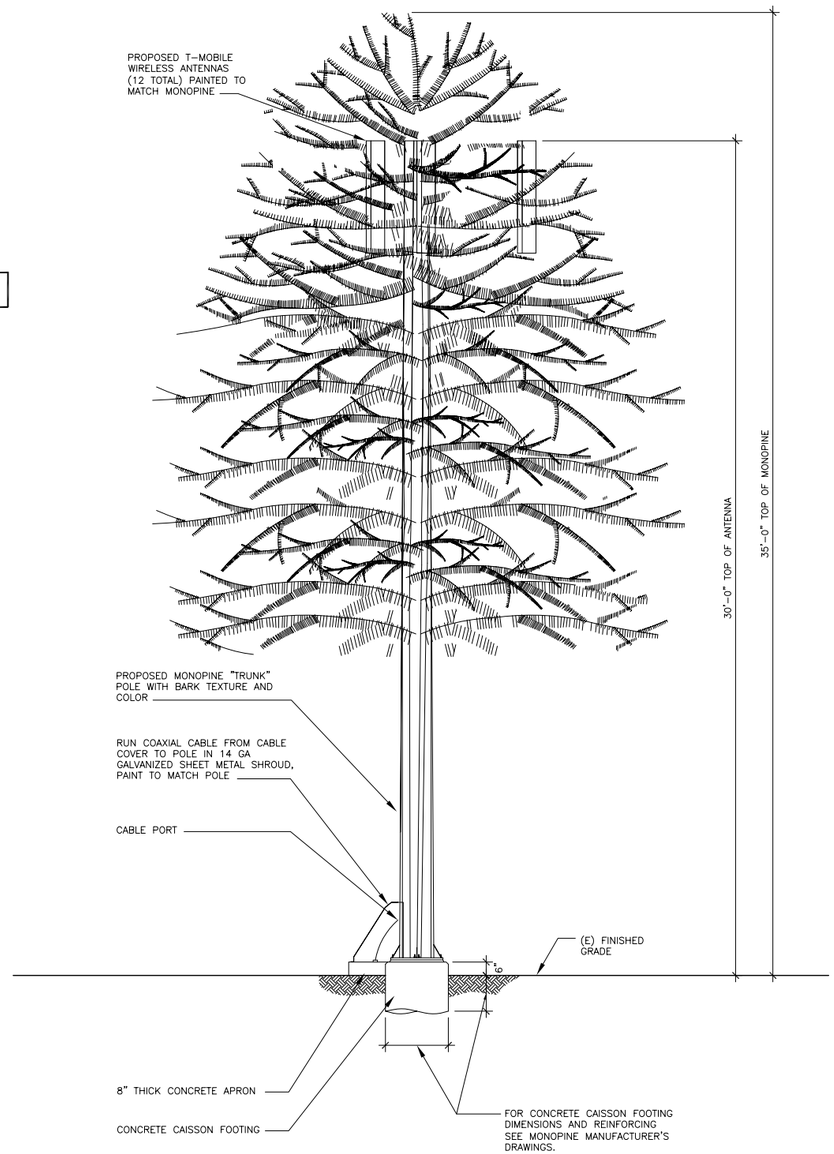
3

NOT USED

4

NOT USED

5



MONOBROADLEAF DETAIL
3/8"=1'-0"

6

ARCHITECT

DI DONATO ASSOCIATES
ARCHITECTURE + GRAPHICS
3939 FIRST AVENUE - SUITE 100 - SAN DIEGO, CA 92103
619.299.4210 - 619.299.4250 FAX - DDAMAIL@AOL.COM

PROJECT NAME

T■■■Mobile■■■

SD-06894
SCOTT RESIDENCE
487 ALTA LANE, EL CAJON, CA 92021

ISSUES REVISIONS

DATE	BY	ISSUE DESCRIPTION
04-25-06	KD	ISSUE FOR REVIEW
05-05-06	KD	ISSUE FOR REVIEW
11-29-06	JZ	REVISED PER PLANNING COMMENTS

SHEET INFORMATION

DI DONATO ASSOCIATES
ARCHITECTURE + GRAPHICS

Z05
DETAILS

SD-06894
0526.13
PLOT SCALE 1:1 (24x36 'D' SIZE)

APPENDIX B

Pertinent Sections of the County of San Diego Scoping Letter, Dated November 6, 2006

SD06894

GARY L. PRYOR
DIRECTOR

County of San Diego

DEPARTMENT OF PLANNING AND LAND USE

5201 RUFFIN ROAD, SUITE B, SAN DIEGO, CALIFORNIA 92123-1666
INFORMATION (858) 694-2960
TOLL FREE (800) 411-0017

SAN MARCOS OFFICE
151 E Carmel
SAN MARCOS, CA 92078
(760) 471-0730

EL CAJON OFFICE
200 EAST MAIN ST. • SIXTH FLOOR
EL CAJON, CA 92020-3912
(619) 441-4030

November 6, 2006

Karen ~~Alder~~ Adler, Planner
PlanCom Inc.
302 State Place
Escondido, CA 92029

RE: SCOTT RESIDENCE CELLULAR FACILITY, MUP03-124/ ER 03-14-062;
2nd ITERATION REVIEW OF INITIAL STUDIES/INFORMATION; KIVA # 05-0060030

The Department of Planning and Land Use (DPLU) has completed the review of your Extended Initial Study/Information and determined it to be "incomplete" as defined by the California Environmental Quality Act (CEQA). At this time, additional information or revisions will be required to determine your project's potential impacts on the environment and complete the CEQA Environmental Initial Study. The reasons for this determination and the revisions/information required are as follows:

NOTE: The next submittal will represent the third submittal iteration for your project. If the next iteration of submitted document(s) are determined to remain substantially inadequate after staff review, the Department may make a recommendation for denial of your project to the appropriate decision-making authority based upon inadequate progress pursuant to CEQA Guidelines Section 15109.

REVISIONS AND ADDITIONAL INFORMATION:

Name of Study/Revision

1. Plot Plan – Review of the plan set included within the Noise Study indicates a number of inconsistencies when compared to the current plan set on file with the DPLU dated 6/8/2004. Please provide revised plans that include all updated information and graphics.

2. Please provide an updated project application form (attached) which indicates the current project applicant (T-Mobile) as well as updated contact information.

3. Attached for your review are comments from the Crest/Dehesa Community Planning Group dated August 23, 2004. It is uncertain if these comments were ever forwarded to the project applicant since the comments from the planning group arrived after the last iteration was issued by DPLU. Please provide applicable comments addressing the planning group concerns.

4. Please revise the Noise Analysis pursuant to the attached comments.

5. The Biological Analysis has been reviewed by the DPLU and accepted.

PROJECT SCHEDULE: Your project is presently behind schedule. An updated copy of your project schedule is attached showing an estimated hearing/decision date of .

SUBMITTAL REQUIREMENTS: Unless other agreements have been made with County staff, you must comply with the following submittal requirements in order to make adequate progress and to minimize the time and cost in the processing of your application:

1. Submit a copy of this letter.

2. If replacement maps or plot plans are to be submitted, provide a narrative supplemented by a project map or plan of appropriate scale and legibility with all deviations "Redlined."

3. Submit a separate letter that indicates specifically where and how each of the above comments is addressed in the revised information/documents. For simple comments it is acceptable to merely reference the document, page and paragraph number where the strikeout/underline revisions have been made. Otherwise, the rationale for the revisions (or lack of revisions) must be given.

4. In addition to the documents requested below, electronic versions of these documents / studies can be e-mailed directly to the Project Manager at joseph.farace@sdcounty.ca.gov. This will enable staff to make editorial strikeout/underline changes to electronic documents, ultimately saving time in the process.

5. The following information and/or document(s) with the requested number of copies as specified. **The Project Number and Environmental Log Number must be clearly and visibly labeled on all submitted documents. All changes to the document(s) must be in strikeout/underline format.**

INFORMATION/DOCUMENT	NO. OF COPIES	LEAD REVIEW DEPT./SECTION
Replacement Plot Plans* Plans must be folded to 8-1/2 x 11 maximum with the lower right hand corner exposed	16 ***plus one additional for each member on the respective community or I-15 design review board***	PPCC for Distribution
"Redlined" Replacement Plot Plan highlighting all changes	1	DPLU – Joe Farace
A separate letter addressing staff comments as described above in #3 of the "Submittal Requirements".	1	DPLU – Joe Farace
Updated DPLU #346 Discretionary Project Application	1	DPLU – Joe Farace
Revised Noise Analysis	3	DPLU – John Bennett (1), Joe Farace – (2)
The staff turnaround goal for review of the requested information/document is 21 days.		

*Please contact me in advance for a Special Handling Form if you wish to submit other documents supporting the Replacement Plot Plan revisions.

6. Deposits:

AGENCY	ACCOUNT NUMBER	DEPOSIT AMOUNT
DPLU-Planning	KIVA 05-0060030	$1975.00

TOTAL ADDITIONAL DEPOSITS		$1975.00

The above is an estimate of the additional deposits required to process the application through hearing/decision.

To assure timely cost-effective processing of your project, all items must be submitted concurrently and delivered to DPLU Zoning Counter at 5201 Ruffin Road, Suite B, San Diego, CA 92123.

RESUBMITTAL DUE DATE: In order to maintain adequate progress in processing of your project, the DPLU requires that all of the revisions/information requested in this letter be submitted in conformance with the above submittal requirements by **12/06/06.** Please note that an extension of this date may be granted at the discretion of the Director of the DPLU. To request an extension, submit a written request, signed and dated by the project applicant. The request must include the proposed new submittal date and a brief reasoning for the extension request. If the revised document(s) are not received, or an approved extension request is not granted by the Director by the above date, the Department may make a recommendation for denial of your project to the appropriate decision-making authority based upon inadequate progress pursuant to CEQA Guidelines Section 15109.

PROJECT ISSUE RESOLUTION PROCESS: If you have disagreements with the requirements within this letter you may, after trying to resolve issues with project staff, have these issues referred to the Project Issue Resolution process to provide you with an opportunity to quickly and inexpensively have issues considered by senior County management. Issues considered under this procedure can include disagreements with staff interpretations of codes or ordinances, requests for additional information or studies, or disagreements regarding project related processing requirements. This process does not replace any other appeal mechanisms such as those for CEQA determinations or administrative appeals. Please contact me to learn more about this process, the limitations, or to request an application form.

If you have any questions or need additional information, please contact me at (858) 694-3690 or at joseph.farace@sdcounty.ca.gov .

Sincerely,

JOSEPH FARACE, Project Manager
Regulatory Planning Division

JF:

Attachments:

Noise Study Comments
Revised Estimated Project Schedule
Discretionary Application Form #346

cc: Robert Scott, 487 Alta Lane, El Cajon, CA 92021
Barry Beech, Project Manager, Department of Public Works, M.S. 0336
Dennis Turner, Chief, Department of Planning and Land Use, M.S. O650

Noise Analysis Comments – 11/06/06

Staff has reviewed the site plans and the Noise Impact Analysis from Eilar Associates submitted October 4, 2006, about noise generation from six RBS outdoor electronic cabinets proposed for this proposed T-Mobile wireless project in unincorporated El Cajon. Staff has evaluated the results as an independent check of the findings from the proprietary CADNA program. With the 3-sided 8-foot tall CMU block enclosure described as a "noise control element" of the project design, staff agrees that the unmitigated estimates will comply with the property line sound level limit of 45 decibels. However, staff noted that the current site plans submitted June 8, 2004 will have to be updated to show the new ground equipment configuration. The proposed ground equipment installation was found to be over 260 feet from the existing residence and no closer than 93 feet from the nearest property line to the north. Staff requires corrected site plans and minor corrections to the noise analysis in the next submittal before making final recommendations. Staff has the following comments about the Noise Impact Analysis:

1. In Section 2.1, please correct the statements about the zoning of the project area. The project site and the adjacent eastern properties are zoned RR-1 and the remaining adjacent properties are all zoned A-70 with residential uses. This information provides the basis for the applicable (zonal) sound level limits from Section 36.404.

2. In Section 2.3, please correct the reference to County regulations as "the San Diego County Code of Regulatory Ordinances."

3. In Section 4.1.3, please include a fourth footnote with Table 3 that states the approximate overall dB increase due to the proposed use of six (6) cabinets or equivalent units on this site.

4. In Sections 4.1 or 5, please confirm that the RBS cabinets are being modeled as directional noise sources in the CADNA model. If this is correct, document this information with the field measurements collected in April of 2004 or earlier (November, 2003) that supports this assumption.

5. Please confirm that the equipment locations and specifications in Appendix A will agree with the final version of the site plans.

6. Please append a scaled exhibit (11" by 17") similar to Figure 6 clearly showing the enlarged area in the vicinity of the ground equipment including all cabinets, model receptors R1 and R2, and the 3-sided 8-foot tall CMU block enclosure/retaining walls.

Aug 25 04 09:40p [illegible]aquelyn 619447[illegible]3270 p.1

COUNTY OF SAN DIEGO • DEPARTMENT OF PLANNING AND LAND USE

CASE NUMBER: P03-124

PLEASE RESPOND BY: 6/29/04

PLANNING GROUP/SPONSOR GROUP PROJECT REVIEW AND RECOMMENDATION

Board Policy I-1 states; *"groups may advise the appropriate boards and commissions on discretionary projects as well as on planning and land use matters important to the community."* The Department of Planning and Land Use (DPLU) has received an application for the project referenced above and requests your Group's input regarding the above project.

Please have your group mark the appropriate box below to indicate whether the project is of a relatively simple design and has no apparent environmental impacts, or if your Group feels a project will require extensive planning and environmental study. Please provide this information and your groups final motion within 21 days if your Group feels these comments should be considered during the project Scoping period.

_____ This project is of a relatively simple design and has no apparent environmental impacts. Our recommendation regarding the project is provided below.

_____ This project has planning and environmental issues needing further review. Our Group's listing of concerns and other comments that should be considered in the project review are provided below.

If environmental documents are circulated, your group will have an opportunity to comment on the environmental document and make a final recommendation on the project to DPLU. The DPLU final recommendation of the project will be made at a later date.

Once this project is assigned, the DPLU Project Manager will notify your Group Chair of the project assignment and will answer any questions regarding the response DPLU is requesting to complete application processing.

The CREST / DEHESA Group at their meeting on ~~7-12-2004~~ 8-23-2004 took the following action regarding the above project:

Item 7. P 03-~~123~~124, Replacement. Tim McMaster moved that the Planning Group recommends approval of P 03-~~123~~124 (Replacement), modified by the following conditions:

1) that the faux pine be moved the minimum distance needed to avoid disturbing the natural rock formation at the antenna site,

2) that the proposed landscaping of screening plantings be included as a feature of the project,

and 3) that a gate be installed in the walkway opening of the equipment enclosure to block sound.

The motion passed (11 yes; 2 no: Bretz, Pasek; 0 abstain).

_____ Yes _____ No _____ Abstain

BY: [signature] Position Chairman Date ~~7-12-2004~~

Jul 12 04 10:34p Laquelyn 619 5270 p.1

BH Forsythe

COUNTY OF SAN DIEGO • DEPARTMENT OF PLANNING AND LAND USE

CASE NUMBER: P03-124

PLEASE RESPOND BY: 6/29/04

PLANNING GROUP/SPONSOR GROUP PROJECT REVIEW AND RECOMMENDATION

Board Policy I-1 states; *"groups may advise the appropriate boards and commissions on discretionary projects as well as on planning and land use matters important to the community."* The Department of Planning and Land Use (DPLU) has received an application for the project referenced above and requests your Group's input regarding the above project.

Please have your group mark the appropriate box below to indicate whether the project is of a relatively simple design and has no apparent environmental impacts, or if your Group feels a project will require extensive planning and environmental study. Please provide this information and your groups final motion within 21 days if your Group feels these comments should be considered during the project Scoping period.

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_____ This project has planning and environmental issues needing further review. Our Group's listing of concerns and other comments that should be considered in the project review are provided below.

If environmental documents are circulated, your group will have an opportunity to comment on the environmental document and make a final recommendation on the project to DPLU. The DPLU final recommendation of the project will be made at a later date.

Once this project is assigned, the DPLU Project Manager will notify your Group Chair of the project assignment and will answer any questions regarding the response DPLU is requesting to complete application processing.

The CREST / DEHESA Group at their meeting on 7-12-2004 took the following action regarding the above project:

MOTION: RECOMMEND THAT THE PROPOSED SITE NOT BE APPROVED UNTIL PUBLIC OR COMMERCIAL SITES ARE INVESTIGATED SUCH AS ATOP THE CREST WATER TANKS.

VOTE: 10 Yes 1 No — Abstain 4 ABSENT

BY: [signature] Position Chairman Date 7-12-2004

DPLU #533 (02/04)

5201 RUFFIN ROAD, SUITE B, SAN DIEGO, CA 92123-1666
PHONE: (800) 411-0017 (858) 694-3292 FAX: (800) 407-6777 (858) 694-3591

ESTIMATED PROCESSING SCHEDULE

Project Name: **Scott Residence**
Project Number: **P03-124**
Staff Completing Schedule: Joseph Farace
Decision-Making Body: Planning Commission
Date Schedule Produced/Revised: 11/6/2006

TASK/ACTIVITY	Estimated Duration	Estimated Completion Date	Actual Completion Date
APPLICATION SUBMITTAL			**11/26/2003**
DPLU reviews for application "completeness", determines project issues, costs and schedule	30	12/26/2003	1/6/2004
Applicant Submits 1st Draft Extended Initial Studies	**120**	**5/5/2004**	**7/16/2004**
DPLU Reviews 1st Draft Extended Initial Studies	30	8/16/2004	8/12/2006
Applicant Submits 2nd Draft Extended Initial Studies*	**45**	**9/26/2006**	**10/4/2006**
DPLU Reviews 2nd Draft Extended Initial Studies	21	10/25/2006	11/6/2006
Applicant Submits 3rd Draft Extended Initial Studies*	**30**	**12/6/2006**	
DPLU Reviews 3rd Draft Extended Initial Studies	21	12/27/2006	
DPLU finalizes Environmental Initial Study and Prepares Application Amendment Form	21	1/17/2007	
Applicant submits Application Amendment form, F&G fees, copies of Extended Initial Studies	***14***	***1/31/2007***	
DPLU completes, advertises and distributes draft Negative Declaration	21	2/22/2007	
Public review of draft Negative Declaration	20	3/14/2007	
DPLU develops draft condition language and mitigation monitoring program	*20*	*4/3/2007*	
DPLU reviews public review comments per "Fair Argument Standard", finalizes documentation	10	4/13/2007	
DPLU makes final staff recommendation on the project	*7*	*4/20/2007*	
DPLU completes final documents, dockets project and initial **PROJECT HEARING/DECISION**	30	5/17/2007	

Total Estimated Duration 181 weeks
41.8 months

Bolded tasks are under the control of applicant/consultant.
Italicized tasks are completed concurrently with other tasks.
* - Task can be eliminated if earlier draft documents are adequate.

Assumptions:

Project will be completed using a Negative Declaration and extended Initial Studies will be required.
Public Comments and Hearing comments will not meet the "Fair Argument" standard requiring an Environmental Impact Report.
Applicant/consultant will provide adequate Extended Initial Studies in three iterations.
Applicant/Consultant will submit all required information in accordance with the estimated schedule.
The project will not be continued by the decision-making body nor appealed.
Any Department of Public Works or Department of Environmental Health issues will be resolved concurrently with the environmental process.

The Hearing/Decision date is subject to Decision-Making Body availability and schedule.
Dates which fall upon a holiday will have an actual completion date the first business day after such holiday.

ESTIMATED PROCESSING SCHEDULE

KIVA # _____

KIVA PROJECT # _____

COUNTY OF SAN DIEGO • DEPARTMENT OF PLANNING AND LAND USE
5201 RUFFIN ROAD, SUITE B, SAN DIEGO, CA 92123-1666 • (858) 565-5981 • (888) 267-8770
FAX: (858) 495-5550 • www.sdcounty.ca.gov/dplu

DISCRETIONARY PROJECT APPLICATION

Case Numbers	DPLU	DPW	DEH	PARKS	OTHER
_____	_____F/D	_____D	_____F/D	_____D	_____F/D
_____	_____F/D	_____D	_____F/D	_____D	_____F/D
_____	_____F/D	_____D	_____F/D	_____D	_____F/D
_____	_____F/D	_____D	_____F/D	_____D	_____F/D
ENV#_____	_____D				
WN#_____	_____D			***DEPARTMENT USE ONLY***	
	_____+ DPLU	_____+ DPW	_____+ DEH	_____= PARKS/OTHER	_____ TOTAL

Have you had a pre-application conference? YES ☐ NO ☐ If yes, Planner's Name: _____

Is this project the subject of a code violation? YES ☐ NO ☐ If yes, provide copy of Violation Notice.

Financial Responsibility: Owner ☐ Applicant ☐ Engineer ☐

Owner Name _____ Phone (____) _____

Address _____

City _____ State _____ Zip _____

Owner's E-mail Address _____ Owner's Fax Number (____) _____

Applicant Name _____ Phone (____) _____
(If different from owner.)

Address _____

City _____ State _____ Zip _____

Applicant's E-Mail Address _____ Applicant's Fax Number (____) _____

Engineer Name _____ Phone (____) _____

Address _____

City _____ State _____ Zip _____

Engineer's E-mail Address _____ Engineer's Fax Number (____) _____

Project Contact Person _____ Phone (____) _____

Address _____

City _____ State _____ Zip _____

Project Name _____

Project Address & Nearest Cross Street _____

Assessor's Parcel No _____

I declare under penalty of perjury under the laws of the State of California that the statements made as part of this application are true and correct. I hereby agree to provide the indemnification as required by Chapter 2 of Division 6 of Title 8 of the San Diego County Code.

_____ _____
Signature of owner or Authorized Agent. If Agent signs, attach Letter of Authorization *Date*

_____
Print or type Signator's Name

APPENDIX C

San Diego County Code of Regulator Ordinances, Section 36.404, Sound Level Limits

Section 36.404

SECTION 36.404 SOUND LEVEL LIMITS

Unless a variance has been applied for and granted pursuant to this chapter, it shall be unlawful for any person to cause or allow the creation of any noise to the extent that the one-hour average sound level, at any point on or beyond the boundaries of the property on which the sound is produced, exceeds the applicable limits set forth below except that construction noise level limits shall be governed by Section 36.410.

ZONE	TIME	APPLICABLE LIMIT ONE-HOUR AVERAGE SOUND LEVEL (DECIBELS)
R-S, R-D, R-R, R-MH, A-70, A-72, S-80, S-81, S-87, S-88, S-90, S-92, R-V, AND R-U. Use regulations with a density of less than 11 dwelling unit per acre.	7 a.m. to 10 p.m. 10 p.m. to 7 a.m.	50 45
R-RO, R-C, R-M, C-30, S-86, R-V AND R-U Use regulations with a density of 11 or more dwelling units per acre.	7 a.m. to 10 p.m. 10 p.m. to 7 a.m.	55 50
S-94 and all other commercial zones	7 a.m. to 10 p.m. 10 p.m. to 7 a.m.	60 55
M-50, M-52, M-54	Anytime	70
S-82, M-58, and all other industrial zones	Anytime	75

If the measured ambient level exceeds the applicable limit noted above, the allowable one-hour average sound level shall be the ambient noise level. The ambient noise level shall be measured when the alleged noise violation source is not operating.

The sound level limit at a location on a boundary between two (2) zoning districts is the arithmetic mean of the respective limits for the two districts provided however, that the one-hour average sound level limit applicable to extractive industries including but not limited to borrow pits and mines, shall be 75 decibels at the property line regardless of the zone where the extractive industry is actually located.

Fixed-location public utility distribution or transmission facilities located on or adjacent to a property line shall be subject to the noise level limits of this section, measured at or beyond six (6) feet from the boundary of the easement upon which the equipment is located. (Amended by Ord. No. 7094 (N.S.) Effective 3-25-86.)

APPENDIX D

Cadna Analysis Data and Results

Noise Sources

Name	M.	ID	Result. PWL		Lw / Li			Correction		Direct.	Height		Coordinates		
			Day	Night	Type	Value	norm.	Day	Night				X	Y	Z
			(dBA)	(dBA)			dB(A)	dB(A)	dB(A)		(m)		(m)	(m)	(m)
Cingular RBS Cabinet			67.7	67.7	Lw	L2		0.0	0.0	(none)	511.50	a	215.01	364.70	511.50
Cingular RBS Cabinet			67.7	67.7	Lw	L2		0.0	0.0	(none)	511.50	a	215.03	362.94	511.50
Cingular RBS Cabinet			67.7	67.7	Lw	L2		0.0	0.0	(none)	511.50	a	214.98	361.21	511.50
Cingular RBS Cabinet			67.7	67.7	Lw	L2		0.0	0.0	(none)	511.50	a	216.69	359.53	511.50
Cingular RBS Cabinet			67.7	67.7	Lw	L2		0.0	0.0	(none)	511.50	a	216.71	361.21	511.50
Cingular RBS Cabinet			67.7	67.7	Lw	L2		0.0	0.0	(none)	511.50	a	216.69	362.97	511.50

Unmitigated Noise Impacts

Name	M.	ID	Level Lr		Limit. Value		Land Use			Height		Coordinates		
			Day	Night	Day	Night	Type	Auto	Noise Type			X	Y	Z
			(dBA)	(dBA)	(dBA)	(dBA)				(m)		(m)	(m)	(m)
North			32.3	32.3	0.0	0.0		x	Total	512.90	a	217.32	392.94	512.90
South			34.3	34.3	0.0	0.0		x	Total	1.50	r	216.02	346.90	514.92
East			16.0	16.0	0.0	0.0		x	Total	512.90	a	309.03	366.96	512.90
West			13.9	13.9	0.0	0.0		x	Total	512.90	a	102.67	368.62	512.90

Cadna/A-Berechnung
Version 3.6.119 (32 Bit)
Datei: \\Whitney\file archive\Jobs 2006\A60538 PlanCom-Scott Residence SD0689-MB\A60538N2 Iteration\A60538N2 Unmit v1 irb.cna
Start: 20.02.07 13:26:47
Berechnungsparameter:

General	
Country	International
Max. Error (dB)	0
Max. Search Radius (m)	2000
Min. Dist Src to Rcvr	0
Partition	
Raster Factor	0.5
Max. Length of Section (m)	1000
Min. Length of Section (m)	1
Min. Length of Section (%)	0
Proj. Line Sources	On
Proj. Area Sources	On
Ref. Time	
Reference Time Day (min)	960
Reference Time Night (min)	480
Daytime Penalty (dB)	0
Recr. Time Penalty (dB)	0
Night-time Penalty (dB)	0
DTM	
Standard Height (m)	511
Model of Terrain	Triangulation
Reflection	
max. Order of Reflection	0
Search Radius Src/Rcvr	100.00 100.00
Max. Distance Source - Rcvr	1000.00 1000.00
Min. Distance Rvcr - Reflector	1.00 1.00
Min. Distance Source - Reflector	0.1
Industrial (ISO 9613)	
Lateral Diffraction	some Obj
Obst. within Area Src do not shield	On
Screening	Excl. Ground Att. over Barrier Dz with limit
Barrier Coefficients C1,2,3	3.0 20.0 0.0
Temperature (°C)	20
rel. Humidity (%)	20
Ground Absorption G	1
Wind Speed for Dir.(m/s)	3
Roads (RLS-90)	
Strictly acc. to RLS-90	
Railways (Schall 03)	
Strictly acc. to Schall 03 / Schall-Transrapid	
Aircraft (AzB)	
Strictly acc. to AzB	

Receiver: North
ID:
X: 217.32
Y: 392.94
Z: 512.9
Ground: 510.39

ISO	Bezeichnung	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	-24.8	-24.8	1	28.37	2.25	32	40.06	0	-3	0	0	0	0	0	0	0	0	0	-61.83	-61.83
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	52.8	52.8	1	28.37	2.25	63	40.06	0	-3	0	0	0.01	0	0	0	0	0	0	15.76	15.76
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	59.7	59.7	1	28.37	2.25	125	40.06	0	0.78	0	0	0.02	0	0	0	0	0	0	18.87	18.87
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	61.3	61.3	1	28.37	2.25	250	40.06	0	5.66	0	0	0.04	0	0	0	0	0	0	15.58	15.58
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	58.4	58.4	1	28.37	2.25	500	40.06	0	5.06	0	0	0.07	0	0	0	0	0	0	13.24	13.24
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	60.5	60.5	1	28.37	2.25	1000	40.06	0	1.34	0	0	0.19	0	0	0	0	0	0	18.95	18.95
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	58	58	1	28.37	2.25	2000	40.06	0	0	0	0	0.61	0	0	0	0	0	0	17.36	17.36
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	59.6	59.6	1	28.37	2.25	4000	40.06	0	0	0	0	2.1	0	0	0	0	0	0	17.47	17.47
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	48.1	48.1	1	28.37	2.25	8000	40.06	0	0	0	0	6.1	0	0	0	0	0	0	1.97	1.97
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	-24.8	-24.8	1	30.01	2.11	32	40.55	0	-3	0	0	0	0	0	0	0	0	0	-62.32	-62.32
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	52.8	52.8	1	30.01	2.11	63	40.55	0	-3	0	0	0.01	0	0	0	0	0	0	15.28	15.28
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	59.7	59.7	1	30.01	2.11	125	40.55	0	0.76	0	0	0.02	0	0	0	0	0	0	18.4	18.4
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	61.3	61.3	1	30.01	2.11	250	40.55	0	6.04	0	0	0.04	0	0	0	0	0	0	14.7	14.7
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	58.4	58.4	1	30.01	2.11	500	40.55	0	6.38	0	0	0.08	0	0	0	0	0	0	11.42	11.42
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	60.5	60.5	1	30.01	2.11	1000	40.55	0	2.07	0	0	0.2	0	0	0	0	0	0	17.72	17.72
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	58	58	1	30.01	2.11	2000	40.55	0	0	0	0	0.64	0	0	0	0	0	0	16.84	16.84
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	59.6	59.6	1	30.01	2.11	4000	40.55	0	0	0	0	2.22	0	0	0	0	0	0	16.86	16.86
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	48.1	48.1	1	30.01	2.11	8000	40.55	0	0	0	0	6.46	0	0	0	0	0	0	1.13	1.13
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	-24.8	-24.8	1	30.12	2.19	32	40.58	0	-3	0	0	0	0	0	0	0	0	0	-62.35	-62.35
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	52.8	52.8	1	30.12	2.19	63	40.58	0	-3	0	0	0.01	0	0	0	0	0	0	15.25	15.25
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	59.7	59.7	1	30.12	2.19	125	40.58	0	0.82	0	0	0.02	0	0	0	0	0	0	18.32	18.32
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	61.3	61.3	1	30.12	2.19	250	40.58	0	5.92	0	0	0.04	0	0	0	0	0	0	14.79	14.79
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	58.4	58.4	1	30.12	2.19	500	40.58	0	5.37	0	0	0.08	0	0	0	0	0	0	12.41	12.41
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	60.5	60.5	1	30.12	2.19	1000	40.58	0	1.44	0	0	0.2	0	0	0	0	0	0	18.31	18.31
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	58	58	1	30.12	2.19	2000	40.58	0	0	0	0	0.65	0	0	0	0	0	0	16.81	16.81
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	59.6	59.6	1	30.12	2.19	4000	40.58	0	0	0	0	2.23	0	0	0	0	0	0	16.82	16.82
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	48.1	48.1	1	30.12	2.19	8000	40.58	0	0	0	0	6.48	0	0	0	0	0	0	1.07	1.07
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	-24.8	-24.8	1	31.77	2.05	32	41.04	0	-3	0	0	0	0	0	0	0	0	0	-62.81	-62.81
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	52.8	52.8	1	31.77	2.05	63	41.04	0	-3	0	0	0.01	0	0	0	0	0	0	14.78	14.78

	Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	59.7	59.7	1	31.77	2.05	125	41.04	0	0.79	0	0	0.02	0	0	0	0	0	0	17.87	17.87
	Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	61.3	61.3	1	31.77	2.05	250	41.04	0	6.3	0	0	0.04	0	0	0	0	0	0	13.94	13.94
	Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	58.4	58.4	1	31.77	2.05	500	41.04	0	6.69	0	0	0.08	0	0	0	0	0	0	10.61	10.61
	Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	60.5	60.5	1	31.77	2.05	1000	41.04	0	2.19	0	0	0.21	0	0	0	0	0	0	17.1	17.1
	Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	58	58	1	31.77	2.05	2000	41.04	0	0	0	0	0.68	0	0	0	0	0	0	16.31	16.31
	Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	59.6	59.6	1	31.77	2.05	4000	41.04	0	0	0	0	2.35	0	0	0	0	0	0	16.24	16.24
	Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	48.1	48.1	1	31.77	2.05	8000	41.04	0	0	0	0	6.83	0	0	0	0	0	0	0.26	0.26
	Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	-24.8	-24.8	1	31.85	2.15	32	41.06	0	-3	0	0	0	0	0	0	0	0	0	-62.83	-62.83
	Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	52.8	52.8	1	31.85	2.15	63	41.06	0	-3	0	0	0.01	0	0	0	0	0	0	14.76	14.76
	Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	59.7	59.7	1	31.85	2.15	125	41.06	0	0.85	0	0	0.02	0	0	0	0	0	0	17.8	17.8
	Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	61.3	61.3	1	31.85	2.15	250	41.06	0	6.17	0	0	0.04	0	0	0	0	0	0	14.06	14.06
	Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	58.4	58.4	1	31.85	2.15	500	41.06	0	5.61	0	0	0.08	0	0	0	0	0	0	11.68	11.68
	Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	60.5	60.5	1	31.85	2.15	1000	41.06	0	1.51	0	0	0.21	0	0	0	0	0	0	17.75	17.75
	Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	58	58	1	31.85	2.15	2000	41.06	0	0	0	0	0.68	0	0	0	0	0	0	16.28	16.28
	Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	59.6	59.6	1	31.85	2.15	4000	41.06	0	0	0	0	2.36	0	0	0	0	0	0	16.21	16.21
	Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	48.1	48.1	1	31.85	2.15	8000	41.06	0	0	0	0	6.85	0	0	0	0	0	0	0.22	0.22
	Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	-24.8	-24.8	1	33.44	2	32	41.49	0	-3	7.69	-0.03	0	0	0	0	0	0	0	-70.95	-70.95
	Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	52.8	52.8	1	33.44	2	63	41.49	0	-3	7.6	-0.03	0.01	0	0	0	0	0	0	6.73	6.73
	Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	59.7	59.7	1	33.44	2	125	41.49	0	0.87	3.56	-0.03	0.02	0	0	0	0	0	0	13.79	13.79
	Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	61.3	61.3	1	33.44	2	250	41.49	0	6.44	0	-0.03	0.05	0	0	0	0	0	0	13.36	13.36
	Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	58.4	58.4	1	33.44	2	500	41.49	0	6.16	0	-0.03	0.09	0	0	0	0	0	0	10.7	10.7
	Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	60.5	60.5	1	33.44	2	1000	41.49	0	1.77	0	-0.03	0.22	0	0	0	0	0	0	17.05	17.05
	Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	58	58	1	33.44	2	2000	41.49	0	0	0	-0.03	0.72	0	0	0	0	0	0	15.82	15.82
	Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	59.6	59.6	1	33.44	2	4000	41.49	0	0	0	-0.03	2.48	0	0	0	0	0	0	15.66	15.66
	Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	48.1	48.1	1	33.44	2	8000	41.49	0	0	0	-0.03	7.2	0	0	0	0	0	0	-0.55	-0.55
Limit. Value				0	0																								
Level D/N:				32.3261	32.3261																								

Receiver: South
ID:
X: 216.02
Y: 346.9
Z: 514.92
Ground: 513.42

ISO	Bezeichnung	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	-24.8	-24.8	1	13.1	0.64	32	33.35	0	-3	8.15	0.15	0	0	0	0	0	0	0	-63.27	-63.27
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	52.8	52.8	1	13.1	0.64	63	33.35	0	-3	8.51	0.15	0	0	0	0	0	0	0	13.97	13.97
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	59.7	59.7	1	13.1	0.64	125	33.35	0	0.22	5.91	0.15	0.01	0	0	0	0	0	0	20.24	20.24
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	61.3	61.3	1	13.1	0.64	250	33.35	0	3.43	3.75	0.15	0.02	0	0	0	0	0	0	20.78	20.78
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	58.4	58.4	1	13.1	0.64	500	33.35	0	3.76	5.07	0.15	0.03	0	0	0	0	0	0	16.22	16.22
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	60.5	60.5	1	13.1	0.64	1000	33.35	0	0.96	10.37	0.15	0.09	0	0	0	0	0	0	15.77	15.77
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	58	58	1	13.1	0.64	2000	33.35	0	0	14.98	0.15	0.28	0	0	0	0	0	0	9.42	9.42
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	59.6	59.6	1	13.1	0.64	4000	33.35	0	0	19.2	0.15	0.97	0	0	0	0	0	0	6.11	6.11
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	48.1	48.1	1	13.1	0.64	8000	33.35	0	0	22.94	0.15	2.82	0	0	0	0	0	0	-10.98	-10.98
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	-24.8	-24.8	1	14.73	0.6	32	34.36	0	-3	7.86	0.03	0	0	0	0	0	0	0	-63.99	-63.99
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	52.8	52.8	1	14.73	0.6	63	34.36	0	-3	7.94	0.03	0	0	0	0	0	0	0	13.52	13.52
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	59.7	59.7	1	14.73	0.6	125	34.36	0	0.23	4.88	0.03	0.01	0	0	0	0	0	0	20.25	20.25
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	61.3	61.3	1	14.73	0.6	250	34.36	0	3.88	1.55	0.03	0.02	0	0	0	0	0	0	21.52	21.52
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	58.4	58.4	1	14.73	0.6	500	34.36	0	4.6	1.44	0.03	0.04	0	0	0	0	0	0	17.99	17.99
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	60.5	60.5	1	14.73	0.6	1000	34.36	0	1.32	5.94	0.03	0.1	0	0	0	0	0	0	18.81	18.81
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	58	58	1	14.73	0.6	2000	34.36	0	0	9.68	0.03	0.32	0	0	0	0	0	0	13.66	13.66
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	59.6	59.6	1	14.73	0.6	4000	34.36	0	0	13.16	0.03	1.09	0	0	0	0	0	0	11.01	11.01
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	48.1	48.1	1	14.73	0.6	8000	34.36	0	0	16.58	0.03	3.17	0	0	0	0	0	0	-5.98	-5.98
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	-24.8	-24.8	1	14.75	0.72	32	34.38	0	-3	7.85	0.03	0	0	0	0	0	0	0	-64	-64
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	52.8	52.8	1	14.75	0.72	63	34.38	0	-3	7.93	0.03	0	0	0	0	0	0	0	13.52	13.52
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	59.7	59.7	1	14.75	0.72	125	34.38	0	0.26	4.82	0.03	0.01	0	0	0	0	0	0	20.26	20.26
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	61.3	61.3	1	14.75	0.72	250	34.38	0	3.8	1.56	0.03	0.02	0	0	0	0	0	0	21.57	21.57
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	58.4	58.4	1	14.75	0.72	500	34.38	0	4.02	1.88	0.03	0.04	0	0	0	0	0	0	18.12	18.12
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	60.5	60.5	1	14.75	0.72	1000	34.38	0	0.96	5.9	0.03	0.1	0	0	0	0	0	0	19.2	19.2
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	58	58	1	14.75	0.72	2000	34.38	0	0	8.6	0.03	0.32	0	0	0	0	0	0	14.73	14.73
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	59.6	59.6	1	14.75	0.72	4000	34.38	0	0	11.62	0.03	1.09	0	0	0	0	0	0	12.54	12.54
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	48.1	48.1	1	14.75	0.72	8000	34.38	0	0	15.49	0.03	3.17	0	0	0	0	0	0	-4.91	-4.91
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	-24.8	-24.8	1	16.43	0.77	32	35.31	0	-3	7.78	0	0	0	0	0	0	0	0	-64.87	-64.87
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	52.8	52.8	1	16.43	0.77	63	35.31	0	-3	7.79	0	0	0	0	0	0	0	0	12.72	12.72
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	59.7	59.7	1	16.43	0.77	125	35.31	0	0.29	4.52	0	0.01	0	0	0	0	0	0	19.59	19.59
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	61.3	61.3	1	16.43	0.77	250	35.31	0	4.19	0.66	0	0.02	0	0	0	0	0	0	21.15	21.15
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	58.4	58.4	1	16.43	0.77	500	35.31	0	4.42	0.5	0	0.04	0	0	0	0	0	0	18.15	18.15
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	60.5	60.5	1	16.43	0.77	1000	35.31	0	1.05	4.01	0	0.11	0	0	0	0	0	0	20.04	20.04
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	58	58	1	16.43	0.77	2000	35.31	0	0	5.34	0	0.35	0	0	0	0	0	0	17.02	17.02
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	59.6	59.6	1	16.43	0.77	4000	35.31	0	0	5.84	0	1.22	0	0	0	0	0	0	17.26	17.26
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	48.1	48.1	1	16.43	0.77	8000	35.31	0	0	6.69	0	3.54	0	0	0	0	0	0	2.59	2.59
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	-24.8	-24.8	1	16.44	0.64	32	35.32	0	-3	7.78	0.01	0	0	0	0	0	0	0	-64.88	-64.88
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	52.8	52.8	1	16.44	0.64	63	35.32	0	-3	7.8	0.01	0	0	0	0	0	0	0	12.71	12.71
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	59.7	59.7	1	16.44	0.64	125	35.32	0	0.26	4.56	0.01	0.01	0	0	0	0	0	0	19.58	19.58
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	61.3	61.3	1	16.44	0.64	250	35.32	0	4.28	0.59	0.01	0.02	0	0	0	0	0	0	21.12	21.12
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	58.4	58.4	1	16.44	0.64	500	35.32	0	5.05	0	0.01	0.04	0	0	0	0	0	0	18.02	18.02
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	60.5	60.5	1	16.44	0.64	1000	35.32	0	1.44	3.71	0.01	0.11	0	0	0	0	0	0	19.95	19.95
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	58	58	1	16.44	0.64	2000	35.32	0	0	5.5	0.01	0.35	0	0	0	0	0	0	16.85	16.85
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	59.6	59.6	1	16.44	0.64	4000	35.32	0	0	6.13	0.01	1.22	0	0	0	0	0	0	16.96	16.96
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	48.1	48.1	1	16.44	0.64	8000	35.32	0	0	7.16	0.01	3.54	0	0	0	0	0	0	2.11	2.11
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	-24.8	-24.8	1	18.15	0.84	32	36.18	0	-3	7.77	0	0	0	0	0	0	0	0	-65.72	-65.72
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	52.8	52.8	1	18.15	0.84	63	36.18	0	-3	7.77	0	0	0	0	0	0	0	0	11.87	11.87
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	59.7	59.7	1	18.15	0.84	125	36.18	0	0.32	4.45	0	0.01	0	0	0	0	0	0	18.77	18.77
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	61.3	61.3	1	18.15	0.84	250	36.18	0	4.56	0.21	0	0.03	0	0	0	0	0	0	20.35	20.35
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	58.4	58.4	1	18.15	0.84	500	36.18	0	4.77	0	0	0.05	0	0	0	0	0	0	17.43	17.43

	Cingular RBS Cabinet			215.01	364.7	511.5	510.77	0	60.5	60.5	1	18.15	0.84	1000	36.18	0	1.12	3.64	0	0.12	0	0	0	0	0	0	19.47	19.47
	Cingular RBS Cabinet			215.01	364.7	511.5	510.77	0	58	58	1	18.15	0.84	2000	36.18	0	0	4.76	0	0.39	0	0	0	0	0	0	16.7	16.7
	Cingular RBS Cabinet			215.01	364.7	511.5	510.77	0	59.6	59.6	1	18.15	0.84	4000	36.18	0	0	4.75	0	1.35	0	0	0	0	0	0	17.36	17.36
	Cingular RBS Cabinet			215.01	364.7	511.5	510.77	0	48.1	48.1	1	18.15	0.84	8000	36.18	0	0	4.73	0	3.91	0	0	0	0	0	0	3.32	3.32
Limit. Value			0	0																								
Level D/N:			34.3375	34.3375																								

Receiver: East
ID:
X: 309.03
Y: 366.96
Z: 512.9
Ground: 512.61

ISO	Bezeichnung	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	-24.8	-24.8	1	92.44	0.21	32	50.32	0	-5.42	10.21	0.02	0.01	0	0	0	0	0	0	-79.89	-79.89
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	52.8	52.8	1	92.44	0.21	63	50.32	0	-5.42	10.23	0.02	0.02	0	0	0	0	0	0	-2.33	-2.33
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	59.7	59.7	1	92.44	0.21	125	50.32	0	0.62	4.23	0.02	0.07	0	0	0	0	0	0	4.49	4.49
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	61.3	61.3	1	92.44	0.21	250	50.32	0	14.37	0	0.02	0.13	0	0	0	0	0	0	-3.49	-3.49
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	58.4	58.4	1	92.44	0.21	500	50.32	0	22.63	0	0.02	0.24	0	0	0	0	0	0	-7.13	-7.13
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	60.5	60.5	1	92.44	0.21	1000	50.32	0	7.77	0	0.02	0.6	0	0	0	0	0	0	1.84	1.84
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	58	58	1	92.44	0.21	2000	50.32	0	0	5.98	0.02	1.98	0	0	0	0	0	0	-0.26	-0.26
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	59.6	59.6	1	92.44	0.21	4000	50.32	0	0	6.93	0.02	6.85	0	0	0	0	0	0	-4.47	-4.47
	Cingular RBS Cabinet		216.69	362.97	511.5	511.19	0	48.1	48.1	1	92.44	0.21	8000	50.32	0	0	8.37	0.02	19.89	0	0	0	0	0	0	-30.44	-30.44
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	-24.8	-24.8	1	92.51	0.19	32	50.32	0	-5.44	10.26	0.02	0.01	0	0	0	0	0	0	-79.92	-79.92
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	52.8	52.8	1	92.51	0.19	63	50.32	0	-5.44	10.32	0.02	0.02	0	0	0	0	0	0	-2.4	-2.4
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	59.7	59.7	1	92.51	0.19	125	50.32	0	0.62	4.45	0.02	0.07	0	0	0	0	0	0	4.27	4.27
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	61.3	61.3	1	92.51	0.19	250	50.32	0	14.39	0	0.02	0.13	0	0	0	0	0	0	-3.51	-3.51
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	58.4	58.4	1	92.51	0.19	500	50.32	0	22.71	0	0.02	0.24	0	0	0	0	0	0	-7.13	-7.13
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	60.5	60.5	1	92.51	0.19	1000	50.32	0	7.82	0	0.02	0.6	0	0	0	0	0	0	1.78	1.78
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	58	58	1	92.51	0.19	2000	50.32	0	0	9.37	0.02	1.99	0	0	0	0	0	0	-3.65	-3.65
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	59.6	59.6	1	92.51	0.19	4000	50.32	0	0	11.56	0.02	6.85	0	0	0	0	0	0	-9.11	-9.11
	Cingular RBS Cabinet		216.71	361.21	511.5	511.21	0	48.1	48.1	1	92.51	0.19	8000	50.32	0	0	14.1	0.02	19.9	0	0	0	0	0	0	-36.19	-36.19
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	-24.8	-24.8	1	92.65	0.2	32	50.34	0	-5.14	9.99	0.04	0.01	0	0	0	0	0	0	-79.97	-79.97
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	52.8	52.8	1	92.65	0.2	63	50.34	0	-5.14	10.1	0.04	0.02	0	0	0	0	0	0	-2.49	-2.49
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	59.7	59.7	1	92.65	0.2	125	50.34	0	0.69	4.58	0.04	0.07	0	0	0	0	0	0	4.06	4.06
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	61.3	61.3	1	92.65	0.2	250	50.34	0	14.22	0	0.04	0.13	0	0	0	0	0	0	-3.36	-3.36
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	58.4	58.4	1	92.65	0.2	500	50.34	0	21.37	0	0.04	0.24	0	0	0	0	0	0	-7.15	-7.15
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	60.5	60.5	1	92.65	0.2	1000	50.34	0	6.96	2.07	0.04	0.61	0	0	0	0	0	0	0.55	0.55
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	58	58	1	92.65	0.2	2000	50.34	0	0	11.2	0.04	1.99	0	0	0	0	0	0	-5.49	-5.49
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	59.6	59.6	1	92.65	0.2	4000	50.34	0	0	13.69	0.04	6.87	0	0	0	0	0	0	-11.27	-11.27
	Cingular RBS Cabinet		216.69	359.53	511.5	510.9	0	48.1	48.1	1	92.65	0.2	8000	50.34	0	0	16.42	0.04	19.93	0	0	0	0	0	0	-38.56	-38.56
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	-24.8	-24.8	1	94.06	0.28	32	50.47	0	-5.02	9.81	0.02	0.01	0	0	0	0	0	0	-80.03	-80.03
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	52.8	52.8	1	94.06	0.28	63	50.47	0	-5.02	9.83	0.02	0.02	0	0	0	0	0	0	-2.47	-2.47
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	59.7	59.7	1	94.06	0.28	125	50.47	0	0.73	4.1	0.02	0.07	0	0	0	0	0	0	4.36	4.36
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	61.3	61.3	1	94.06	0.28	250	50.47	0	14.18	0	0.02	0.13	0	0	0	0	0	0	-3.45	-3.45
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	58.4	58.4	1	94.06	0.28	500	50.47	0	20.69	0	0.02	0.24	0	0	0	0	0	0	-7.28	-7.28
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	60.5	60.5	1	94.06	0.28	1000	50.47	0	6.55	0	0.02	0.61	0	0	0	0	0	0	2.9	2.9
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	58	58	1	94.06	0.28	2000	50.47	0	0	5.67	0.02	2.02	0	0	0	0	0	0	-0.13	-0.13
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	59.6	59.6	1	94.06	0.28	4000	50.47	0	0	6.41	0.02	6.97	0	0	0	0	0	0	-4.22	-4.22
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	48.1	48.1	1	94.06	0.28	8000	50.47	0	0	7.6	0.02	20.24	0	0	0	0	0	0	-30.18	-30.18
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	-24.8	-24.8	1	94.09	0.23	32	50.47	0	-5.05	9.84	0.02	0.01	0	0	0	0	0	0	-80.04	-80.04
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	52.8	52.8	1	94.09	0.23	63	50.47	0	-5.05	9.86	0.02	0.02	0	0	0	0	0	0	-2.47	-2.47
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	59.7	59.7	1	94.09	0.23	125	50.47	0	0.73	4.12	0.02	0.07	0	0	0	0	0	0	4.35	4.35
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	61.3	61.3	1	94.09	0.23	250	50.47	0	14.2	0	0.02	0.13	0	0	0	0	0	0	-3.48	-3.48
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	58.4	58.4	1	94.09	0.23	500	50.47	0	20.84	0	0.02	0.24	0	0	0	0	0	0	-7.29	-7.29
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	60.5	60.5	1	94.09	0.23	1000	50.47	0	6.63	0	0.02	0.61	0	0	0	0	0	0	2.81	2.81
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	58	58	1	94.09	0.23	2000	50.47	0	0	5.81	0.02	2.02	0	0	0	0	0	0	-0.27	-0.27
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	59.6	59.6	1	94.09	0.23	4000	50.47	0	0	6.65	0.02	6.97	0	0	0	0	0	0	-4.46	-4.46
	Cingular RBS Cabinet		215.03	362.94	511.5	510.79	0	48.1	48.1	1	94.09	0.23	8000	50.47	0	0	7.96	0.02	20.24	0	0	0	0	0	0	-30.54	-30.54
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	-24.8	-24.8	1	94.24	0.2	32	50.48	0	-5.05	9.85	0.02	0.01	0	0	0	0	0	0	-80.06	-80.06
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	52.8	52.8	1	94.24	0.2	63	50.48	0	-5.05	9.87	0.02	0.02	0	0	0	0	0	0	-2.49	-2.49
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	59.7	59.7	1	94.24	0.2	125	50.48	0	0.73	4.13	0.02	0.07	0	0	0	0	0	0	4.32	4.32
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	61.3	61.3	1	94.24	0.2	250	50.48	0	14.21	0	0.02	0.13	0	0	0	0	0	0	-3.5	-3.5
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	58.4	58.4	1	94.24	0.2	500	50.48	0	20.88	0	0.02	0.24	0	0	0	0	0	0	-7.3	-7.3
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	60.5	60.5	1	94.24	0.2	1000	50.48	0	6.65	0	0.02	0.62	0	0	0	0	0	0	2.78	2.78
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	58	58	1	94.24	0.2	2000	50.48	0	0	5.97	0.02	2.02	0	0	0	0	0	0	-0.45	-0.45
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	59.6	59.6	1	94.24	0.2	4000	50.48	0	0	6.91	0.02	6.98	0	0	0	0	0	0	-4.74	-4.74
	Cingular RBS Cabinet		214.98	361.21	511.5	510.79	0	48.1	48.1	1	94.24	0.2	8000	50.48	0	0	8.33	0.02	20.27	0	0	0	0	0	0	-30.96	-30.96
Limit. Value			0	0																								
Level D/N:			15.9627	15.9627																								

Receiver: West
ID:
X: 102.67
Y: 368.62
Z: 512.9
Ground: 512.32

ISO	Bezeichnung	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	-24.8	-24.8	1	112.41	1.27	32	52.02	0	-4.95	9.73	0.01	0.01	0	0	0	0	0	0	-81.57	-81.57
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	52.8	52.8	1	112.41	1.27	63	52.02	0	-4.95	9.74	0.01	0.03	0	0	0	0	0	0	-4	-4
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	59.7	59.7	1	112.41	1.27	125	52.02	0	0.94	3.86	0.01	0.08	0	0	0	0	0	0	2.84	2.84
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	61.3	61.3	1	112.41	1.27	250	52.02	0	14.79	0	0.01	0.16	0	0	0	0	0	0	-5.64	-5.64
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	58.4	58.4	1	112.41	1.27	500	52.02	0	20.53	0	0.01	0.29	0	0	0	0	0	0	-8.88	-8.88
	Cingular RBS Cabinet		215.01	364.7	511.5	510.77	0	60.5	60.5	1	112.41	1.27	1000	52.02	0	6.07	0	0.01	0.73	0	0	0	0	0	0	1.7	1.7

Cingular RBS Cabinet			215.01	364.7	511.5	510.77	0	58	58	1	112.41	1.27	2000	52.02	0	0	5.15	0.01	2.41	0	0	0	0	0	0	-1.55	-1.55
Cingular RBS Cabinet			215.01	364.7	511.5	510.77	0	59.6	59.6	1	112.41	1.27	4000	52.02	0	0	5.5	0.01	8.33	0	0	0	0	0	0	-6.22	-6.22
Cingular RBS Cabinet			215.01	364.7	511.5	510.77	0	48.1	48.1	1	112.41	1.27	8000	52.02	0	0	6.13	0.01	24.18	0	0	0	0	0	0	-34.2	-34.2
Cingular RBS Cabinet			215.03	362.94	511.5	510.79	0	-24.8	-24.8	1	112.51	1.1	32	52.02	0	-4.97	9.75	0.01	0.01	0	0	0	0	0	0	-81.58	-81.58
Cingular RBS Cabinet			215.03	362.94	511.5	510.79	0	52.8	52.8	1	112.51	1.1	63	52.02	0	-4.97	9.76	0.01	0.03	0	0	0	0	0	0	-4.01	-4.01
Cingular RBS Cabinet			215.03	362.94	511.5	510.79	0	59.7	59.7	1	112.51	1.1	125	52.02	0	0.93	3.86	0.01	0.08	0	0	0	0	0	0	2.83	2.83
Cingular RBS Cabinet			215.03	362.94	511.5	510.79	0	61.3	61.3	1	112.51	1.1	250	52.02	0	14.82	0	0.01	0.16	0	0	0	0	0	0	-5.67	-5.67
Cingular RBS Cabinet			215.03	362.94	511.5	510.79	0	58.4	58.4	1	112.51	1.1	500	52.02	0	20.69	0	0.01	0.29	0	0	0	0	0	0	-8.89	-8.89
Cingular RBS Cabinet			215.03	362.94	511.5	510.79	0	60.5	60.5	1	112.51	1.1	1000	52.02	0	6.16	0	0.01	0.74	0	0	0	0	0	0	1.61	1.61
Cingular RBS Cabinet			215.03	362.94	511.5	510.79	0	58	58	1	112.51	1.1	2000	52.02	0	0	5.16	0.01	2.41	0	0	0	0	0	0	-1.57	-1.57
Cingular RBS Cabinet			215.03	362.94	511.5	510.79	0	59.6	59.6	1	112.51	1.1	4000	52.02	0	0	5.52	0.01	8.34	0	0	0	0	0	0	-6.25	-6.25
Cingular RBS Cabinet			215.03	362.94	511.5	510.79	0	48.1	48.1	1	112.51	1.1	8000	52.02	0	0	6.15	0.01	24.21	0	0	0	0	0	0	-34.25	-34.25
Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	-24.8	-24.8	1	112.56	1	32	52.03	0	-4.98	9.86	0.04	0.01	0	0	0	0	0	0	-81.7	-81.7
Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	52.8	52.8	1	112.56	1	63	52.03	0	-4.98	10.07	0.04	0.03	0	0	0	0	0	0	-4.33	-4.33
Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	59.7	59.7	1	112.56	1	125	52.03	0	0.93	4.61	0.04	0.08	0	0	0	0	0	0	2.07	2.07
Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	61.3	61.3	1	112.56	1	250	52.03	0	14.83	0	0.04	0.16	0	0	0	0	0	0	-5.68	-5.68
Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	58.4	58.4	1	112.56	1	500	52.03	0	20.72	0	0.04	0.29	0	0	0	0	0	0	-8.89	-8.89
Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	60.5	60.5	1	112.56	1	1000	52.03	0	6.18	2.99	0.04	0.74	0	0	0	0	0	0	-1.41	-1.41
Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	58	58	1	112.56	1	2000	52.03	0	0	11.32	0.04	2.42	0	0	0	0	0	0	-7.73	-7.73
Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	59.6	59.6	1	112.56	1	4000	52.03	0	0	13.82	0.04	8.34	0	0	0	0	0	0	-14.56	-14.56
Cingular RBS Cabinet			214.98	361.21	511.5	510.79	0	48.1	48.1	1	112.56	1	8000	52.03	0	0	16.55	0.04	24.22	0	0	0	0	0	0	-44.67	-44.67
Cingular RBS Cabinet			216.69	362.97	511.5	511.19	0	-24.8	-24.8	1	114.16	1.11	32	52.15	0	-5.3	10.08	0.01	0.01	0	0	0	0	0	0	-81.71	-81.71
Cingular RBS Cabinet			216.69	362.97	511.5	511.19	0	52.8	52.8	1	114.16	1.11	63	52.15	0	-5.3	10.08	0.01	0.03	0	0	0	0	0	0	-4.13	-4.13
Cingular RBS Cabinet			216.69	362.97	511.5	511.19	0	59.7	59.7	1	114.16	1.11	125	52.15	0	0.85	3.94	0.01	0.08	0	0	0	0	0	0	2.7	2.7
Cingular RBS Cabinet			216.69	362.97	511.5	511.19	0	61.3	61.3	1	114.16	1.11	250	52.15	0	15.15	0	0.01	0.16	0	0	0	0	0	0	-5.98	-5.98
Cingular RBS Cabinet			216.69	362.97	511.5	511.19	0	58.4	58.4	1	114.16	1.11	500	52.15	0	22.81	0	0.01	0.3	0	0	0	0	0	0	-9.02	-9.02
Cingular RBS Cabinet			216.69	362.97	511.5	511.19	0	60.5	60.5	1	114.16	1.11	1000	52.15	0	7.44	0	0.01	0.75	0	0	0	0	0	0	0.19	0.19
Cingular RBS Cabinet			216.69	362.97	511.5	511.19	0	58	58	1	114.16	1.11	2000	52.15	0	0	5.12	0.01	2.45	0	0	0	0	0	0	-1.69	-1.69
Cingular RBS Cabinet			216.69	362.97	511.5	511.19	0	59.6	59.6	1	114.16	1.11	4000	52.15	0	0	5.44	0.01	8.46	0	0	0	0	0	0	-6.42	-6.42
Cingular RBS Cabinet			216.69	362.97	511.5	511.19	0	48.1	48.1	1	114.16	1.11	8000	52.15	0	0	6.02	0.01	24.56	0	0	0	0	0	0	-34.6	-34.6
Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	-24.8	-24.8	1	114.29	0.99	32	52.16	0	-5.32	10.14	0.02	0.01	0	0	0	0	0	0	-81.76	-81.76
Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	52.8	52.8	1	114.29	0.99	63	52.16	0	-5.32	10.24	0.02	0.03	0	0	0	0	0	0	-4.28	-4.28
Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	59.7	59.7	1	114.29	0.99	125	52.16	0	0.85	4.3	0.02	0.08	0	0	0	0	0	0	2.34	2.34
Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	61.3	61.3	1	114.29	0.99	250	52.16	0	15.17	0	0.02	0.16	0	0	0	0	0	0	-5.99	-5.99
Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	58.4	58.4	1	114.29	0.99	500	52.16	0	22.9	0	0.02	0.3	0	0	0	0	0	0	-9.03	-9.03
Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	60.5	60.5	1	114.29	0.99	1000	52.16	0	7.5	0	0.02	0.75	0	0	0	0	0	0	0.12	0.12
Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	58	58	1	114.29	0.99	2000	52.16	0	0	8.95	0.02	2.45	0	0	0	0	0	0	-5.53	-5.53
Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	59.6	59.6	1	114.29	0.99	4000	52.16	0	0	11.04	0.02	8.47	0	0	0	0	0	0	-12.04	-12.04
Cingular RBS Cabinet			216.71	361.21	511.5	511.21	0	48.1	48.1	1	114.29	0.99	8000	52.16	0	0	13.5	0.02	24.59	0	0	0	0	0	0	-42.12	-42.12
Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	-24.8	-24.8	1	114.39	0.95	32	52.17	0	-5.07	10.09	0.08	0.01	0	0	0	0	0	0	-81.96	-81.96
Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	52.8	52.8	1	114.39	0.95	63	52.17	0	-5.07	10.51	0.08	0.03	0	0	0	0	0	0	-4.81	-4.81
Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	59.7	59.7	1	114.39	0.95	125	52.17	0	0.92	5.36	0.08	0.08	0	0	0	0	0	0	1.2	1.2
Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	61.3	61.3	1	114.39	0.95	250	52.17	0	14.98	0	0.08	0.16	0	0	0	0	0	0	-5.98	-5.98
Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	58.4	58.4	1	114.39	0.95	500	52.17	0	21.46	0	0.08	0.3	0	0	0	0	0	0	-9.04	-9.04
Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	60.5	60.5	1	114.39	0.95	1000	52.17	0	6.58	4.94	0.08	0.75	0	0	0	0	0	0	-3.9	-3.9
Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	58	58	1	114.39	0.95	2000	52.17	0	0	14.05	0.08	2.45	0	0	0	0	0	0	-10.64	-10.64
Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	59.6	59.6	1	114.39	0.95	4000	52.17	0	0	16.8	0.08	8.48	0	0	0	0	0	0	-17.81	-17.81
Cingular RBS Cabinet			216.69	359.53	511.5	510.9	0	48.1	48.1	1	114.39	0.95	8000	52.17	0	0	19.67	0.08	24.61	0	0	0	0	0	0	-48.32	-48.32
Limit. Value		0	0																										
Level D/N:		13.8911	13.8911																										

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